

# The CHEMIST AND DRUGGIST

RETAILER - WHOLESALE - MANUFACTURER

Founded 1859 28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

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Annual Subscription (with  
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**'MERTHIOLATE'** BRAND

*Sodium Ethyl Mercuri Thiosalicylate*

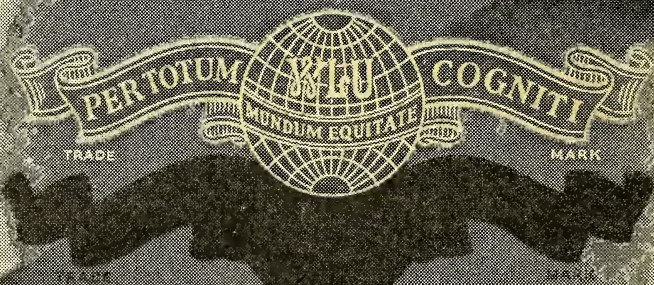
'Merthiolate' is particularly distinguished by its low toxicity and high bacterial efficiency. It is non-irritating in the dilutions recommended, non-staining and stable in solution. 'Merthiolate' Preparations meet every requirement of the effective germicide.

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## Loss of appetite and Vitamin B<sub>1</sub>

Bodily disturbance and psychological disorders express themselves frequently in a common psycho-somatic symptom—loss of appetite. Body-mind interaction has at least this one concrete and admitted sign, and gives philosophical speculation a physiological means of expression.

Be it a specific fever, a metabolic dysfunction, agastro-intestinal disorder, a haemopoietic disturbance, overwork, fatigue, a general lowering of tone, depression, debility—there one may expect that vegetative-nervous stigma—anorexia.

Such involuntary "hunger striking" is often the last symptom to respond to general or specific treatment. Loss of appetite therefore frequently remains, as an obstinate "hang-over" in convalescence.

Clinical experience has universally confirmed the value of vitamin B<sub>1</sub> in restoring the appetite and in stimulating metabolic oxidative processes. 'Berin' the Glaxo preparation of aneurine hydrochloride, whether administered orally or by injection, will often revive the taste for food.

# BERIN

BRAND

Glaxo preparation of vitamin B<sub>1</sub> (aneurine hydrochloride B.P.). Available in 1 mg. and 3 mg. tablets for oral therapy; 1 cc. ampoules for injection, containing 5 mg. and 25 mg.

Glaxo Laboratories Ltd

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# Cod Liver Oil in nutrition

Before the war leading Medical opinion at home and abroad agreed that even then a daily teaspoonful of Cod Liver Oil was needed to supplement the diets of infants, children, adolescents, and nursing and expectant mothers. The pre-war *Report on the Physiological Bases of Nutrition* 1936, setting down these conclusions and recommendations was endorsed by our own Ministry of Health and the British Medical Research Council.

Since the outbreak of the war the Ministry of Food have taken steps, with their Cod Liver Oil Distribution Scheme, to ensure that adequate supplies are to-day within the reach of young children.

But the Ministry of Food Scheme needs the active co-operation and

support of the Pharmaceutical Profession in recommending mothers take advantage of these facilities and in getting them to appreciate the importance and value of Cod Liver Oil in pre-natal care and throughout childhood and adolescence.

For those outside the scheme, and also for those who prefer freedom of choice, SevenSeaS pure Cod Liver Oil is available in all chemists' shops throughout the country. There is no shortage of SevenSeaS, and its quality and purity remain unimpaired. The Pharmaceutical Profession is, however, reminded that *orders should be placed at least two or three months ahead of actual needs*, as the difficulties of packing and delivery are greater than ever before.

*Issued by* BRITISH COD LIVER OIL PRODUCERS (HULL) LTD.,  
ST. ANDREW'S DOCK, HULL

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# Crookes' Collosol Calcium c Vit.D

As a therapeutic agent calcium is of paramount importance. Although present in the blood serum only to the extent of 10 mg. per 100 c.c. the maintenance of this level is vital and a small daily intake of calcium is necessary to ensure it. During pregnancy and lactation the calcium requirement is greatly increased. Equally important with the supply of calcium is Vitamin D as without it calcium cannot be absorbed. Failure to absorb calcium because of lack of Vitamin D is the cause of rickets and also accounts for many cases of debility and tetany.

In adults with a deficiency of calcium, along with an insufficient intake of Vitamin D, the blood calcium level is maintained by withdrawal of calcium from the bones, resulting in Osteomalacia.

Calcium has a specific action on the muscles and its effect in regulating or smoothing the rhythm of muscular contraction is therefore apparent in the case of the uterus, hence its usefulness in the treatment of dysmenorrhœa.

Calcium renders the blood more ready to clot; thus it is of undoubted value in purpura, menorrhagia, and in a number of conditions associated with hæmorrhage.

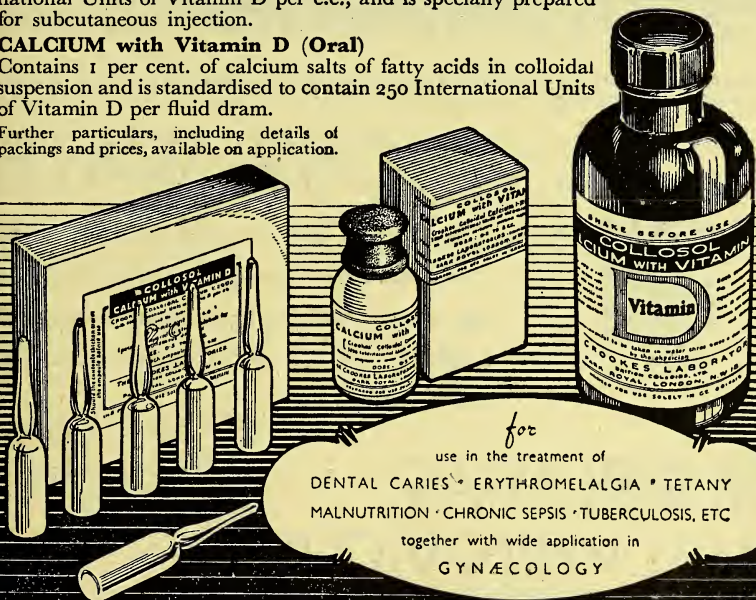
## CALCIUM with Vitamin D (Injection)

Contains 0.05 per cent. of calcium in colloidal suspension with 5,000 International Units of Vitamin D per c.c., and is specially prepared for subcutaneous injection.

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CATARRH  
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Sodium chloride ( $\text{NaCl}$ )	31.63
Potassium chloride ( $\text{KCl}$ )	14.32
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YOUR FIRST AID

**KEEP IT ON DISPLAY!**  
National advertising ensures public demand  
Recommend Calvex for Chilblains, Chapped  
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## SEROCALCIN

*The problem of supply and demand*

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assess your requirements and place your order *now*. By doing so you will have stock on your shelves and you will help us to keep pace with orders through the winter.

National Press Advertising for Serocalcin has already begun, so there is some need for urgency in securing supplies.

**SEROCALCIN PREVENTS COLDS**

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# Prevention is better than cure

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A Penetrol display on your counter will ensure you getting your share of the public demand for this well-known proprietary.

## PENETROL BRAND INHALANT

Retail prices: 2/- & 3/- per bottle  
Including purchase tax



W. B. CARTWRIGHT LTD.  
RAWDON :: LEEDS







**a woman's DUTY...**

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**APPROVED BY DOCTORS**

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FOR FEMININE HYGIENE

**ADVERTISING WHICH NEVER STOPS**

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**FOR FEMININE HYGIENE**

**PILLS****TABLETS**

For

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and DEPENDABILITY  
in every detail  
consult

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• *established over a century*

# THE CHEMISTS' PRINTERS

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KIRKSTALL HILL  
LEEDS



# "National" Dispensing Bottles

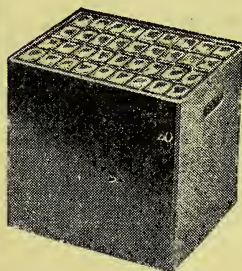
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NEATLY PACKED IN 6 DOZEN  
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- ★ CONVENIENT IN SIZE
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- ★ UNIFORM IN QUALITY

ALSO . . . Cork mouth bottles  
WASHED & PAPERED  
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"NATIONAL" Production

## Vials

of "NATIONAL" quality

Ranging in size  $\frac{1}{2}$  oz. up to 3 oz.  
Plain or teaspoon graduations  
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MANUFACTURED IN BEST QUALITY  
WHITE FLINT, AND PACKED IN FREE  
NON-RETURNABLE CARTONS



*Restrictions outside our control, may  
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Phone: York 3021

London Office: 105 HATTON GARDEN, E.C.1  
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## Antiseptic Surgical Dusting Powder



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ABSORBENT	Absorbs excessive discharges without caking or forming hard crusts.
SOOTHING	Tends to allay irritation through protective action of bismuth compounds.

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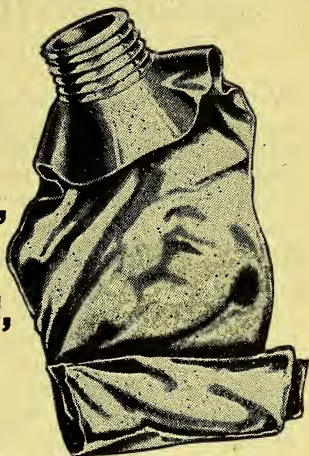
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Phone: Wembley 3536/7

TECHNICAL  
ADVICE  
FREE



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TELL YOUR CUSTOMERS  
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SHAVING CREAM, OINT-  
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ETC.—TO YOU, NOT TO  
PUT THEM WITH  
ORDINARY METAL SALVAGE,  
OR THE VITAL TIN AND LEAD THEY  
CONTAIN WILL BE LOST IN SMELTING



*Take these steps now!*

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3 Fix the show card (which has been sent to you) to the container, and display the show bill in your window.

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ALL PROCEEDS WILL GO TO  
THE RED CROSS & ST. JOHN  
FUND



Issued by  
**THE DENTIFRICE MANUFACTURERS  
OF GREAT BRITAIN**

(Dentifrice Manufacturers' Section,  
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69 Cannon Street, London, E.C.4)

MRT 3-285



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Established 1751



*for*  
**underarm hygiene**

**EFFECTIVELY RESTRICTS  
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PREVENTS ODOUR**

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THERE IS NOT SUFFICIENT

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MALTED  
MILK

FOR ALL THE PEOPLE  
WHO WANT IT

Our policy therefore is to endeavour  
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"OLD FRIENDS"

In three popular sizes only during  
the war, 1/-, 2/- & 4/-

**J. & J. BEAULAH LIMITED,  
BOSTON, Lincs.**



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VITAMIN B<sub>1</sub>  
YEAST  
TABLETS**

A powerful natural tonic  
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contains 90 I.U. (approx.)  
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100 TABLETS 3/9d.  
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Summarising war-time opportunities, special notices, new packaging and new products



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2/6 1 lb.

14 lbs. at 2/4

28 lbs. at 2/3

1 Cwt. at 2/2

Complete Bale (400 lbs.) 2/-

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STOKE-ON-TRENT Wholesale Chemists

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No. 20c

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OUTER  
GOOD PROFIT MARGIN

From your wholesaler or direct from

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Make a neat package  
Give distinction  
Prevent pilferage  
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Please note that  
**AMPLE SUPPLIES**

of both the 3/6 pack  
and the 10/6 family size  
*are now available from all*  
**Wholesalers**

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## Products

Due to shortage of supplies, combined with the curtailment of our staff, we wish to assure our many trade friends that we are using every effort to maintain an equitable distribution of our Products.

### Please Note

- 1st. All Orders are forwarded in strict rotation and we are now 5-6 weeks behindhand in delivery.
- 2nd. Due to the position, all additions can only be treated as separate orders

### Sugar Confectionery Order

All our products are Medicinal and not subject to the above order, and as such, are subject to Purchase Tax. Our printers have in hand a range of formula labels to meet the requirements of customers who retail goods from bulk parcels—these will be supplied at a nominal charge.

**Thos. Guest & Co. Ltd.** *Manufacturing Chemists*  
Carruthers Street, Manchester, 4

# More and more women every day



More and more women every day are being drawn into services demanding strenuous non-stop activity every day of every month. No wonder that Tampax sales are going up. Women at work discover the difference Tampax makes—in comfort, confidence and convenience. Present supplies are available to meet the need and Tampax displayed in your window and on your counter will assure rapid turnover—and a regular repeating demand.



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(P.A.T.A. PRICES)

	Wholesale	Retail
Packets of 3.	5/3 doz.	7d. pkt.
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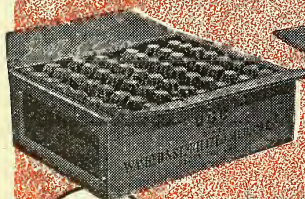
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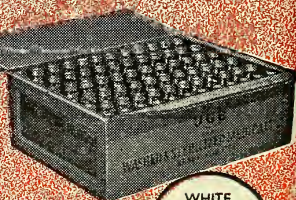
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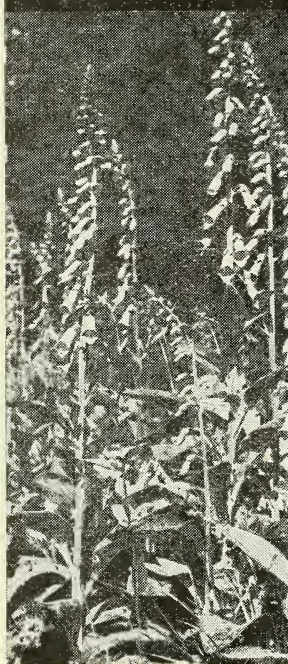
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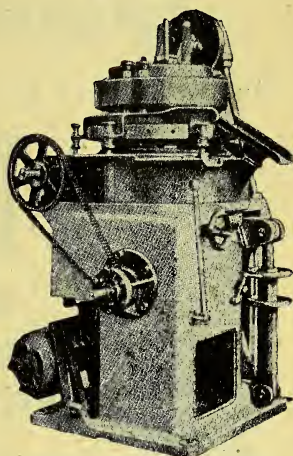
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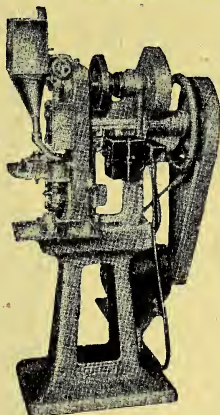
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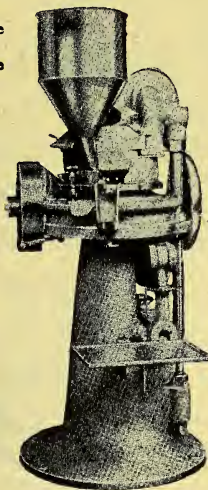
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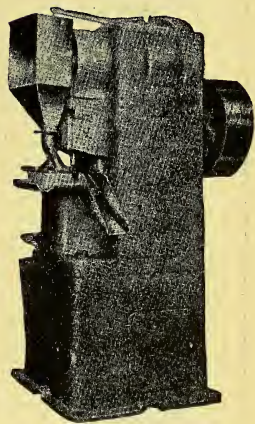
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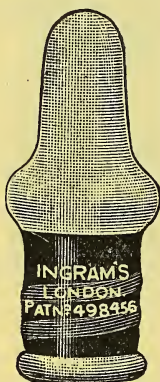
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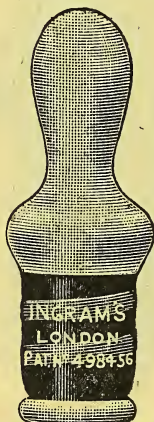
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## NEWS OF THE WEEK

**Scientific Research Council.**—Four new members have been appointed to the advisory committee to the Committee of the Privy Council for Scientific and Industrial Research, to act from October 1. The new members are Sir Lawrence Bragg (Cambridge); Professor of Experimental Physics, Cambridge; Professor J. E. Inghram, Cambridge; Mr. A. McCance (Director of a number of steel and engineering companies); and Sir Raymond Streat (Chairman, Cotton Board; secretary, Export Council; secretary, Manchester Chamber of Commerce).

**Photographic Exhibition.**—The Association of Scientific Workers is organising an exhibition to illustrate the applications of photography to science, medicine and industry, to be opened at the Royal Photographic Society's premises on October 31. The Association desires the bulk of the exhibits should come from individuals or organisations which have applied photography to their research problems, records production methods, and therefore invites

the submission of entries to the exhibition. Unusual or specialised applications will be particularly welcomed, but routine applications are also of interest. Prints, transparencies and cine films may be entered, and suggestions for exhibits of apparatus will also be accepted. It is preferred that entries should not have been exhibited elsewhere, but in view of the difficulty of producing much new work under present conditions this will not be insisted upon. Demonstrations and lectures are being arranged to take place during the course of the exhibition.

**Further Tin Restrictions.**—An additional series of regulations designed to reduce consumption of tin became operative on September 25, under an Order issued by the Ministry of Supply. Further restrictions are imposed upon the manufacture from tinplate of whole or certain parts of containers used for the distribution on the home market of a number of commodities, including some foodstuffs. They have, however, been designed to ensure that

adequate protection of the product packed can be obtained by the use of containers made from steel coated, not with tin, but with protective lacquer or varnish, which are still permitted under the terms of the Order. Copies of the Order (Control of Tins, Cans, Kegs, Drums and Packaging Pails (No. 8) Order, 1942), being a further supplement to the existing No. 5 Order, may be obtained from H.M. Stationery Office, York House, Kingsway, London, W.C.2, or through any bookseller, price 1d.

**N.H.I. for Sheep?**—An inquiry carried out recently by the National Veterinary Medical Association may lead to the introduction of a national health insurance scheme for sheep similar to that for cattle. The inquiry was recently completed and the findings are shortly to be published.

**Limitation of Supplies.**—An amending Order to the Limitation of Supplies (Miscellaneous) (No. 16) Order (S. R. & O., 1942, No. 1510) has now been issued. Under this Order controlled goods used in the production of uncontrolled goods are again subject to quota restrictions as in the previous Miscellaneous Orders, and small manufacturers, whose quotas now fall below the £100 a month limit allowed to unregistered manufacturers, may increase their supplies without incurring any liability to prosecution, provided that all their supplies to all persons are not more than £100 a month. Thus a registered manufacturer with a small quota has the option of the following alternatives: (1) Unrestricted supply (a) in the execution of Government contracts; (b) for direct export; and (c) to other firms registered for the same class of goods. (2) Quota limitation on (d) supply to unregistered firms, and (e) production of uncontrolled goods from controlled goods. The second alternative allows restricted supplies, i.e. (up to £100 a month), including Government contracts, export, supplies to registered firms, supplies of factored goods, production of uncontrolled goods from controlled goods, supplies of prohibited manufactures (even in the case of prohibited manufactures of Classes 10 and 15); and supplies made under individual or general licences. Any small manufacturers who decide to supply in excess of quota but to keep their total supplies within the £100 a month limit, must send before February 7, 1943, written notification that they have done so to the Board of Trade, Industries and Manufactures 4 Department, Millbank, London, S.W.1. Inquiries about the Order should

also be sent to this address. The new Order, the Limitation of Supplies (Miscellaneous) (No. 17) Order (S. R. & O., 1942, No. 18) is obtainable from any bookseller or directly from H.M. Stationery Office, York House, Kingsway, London, W.C.2, price 1d.

#### Authorised Alternatives in Prescriptions

—The secretary to the Pharmaceutical Standing Committee (Scotland) points out that a recently-published statement from September 1, Pricing Offices under the National Health Insurance scheme, assumes that authorised alternatives have been used in place of certain spirits and tinctures unless the prescriptions had been specifically marked "N.A." by the prescriber, applies only in England and Wales. In Scotland the existing "scarce substance" arrangements continue to apply. If a dispenser uses an authorised alternative, he marks the prescription "A.A.S."; the price allowed will then be that for the alternative. If, however, the pharmacist holds an amount of stock of the substance prescribed, and dispenses this, he makes no mark on the prescription, and the Pricing Bureau allows the full price for the substance prescribed.

**Licences for Listed Sellers.**—When a report of the General Purposes Committee was before Burton-on-Trent Town Council on September 9, Councillor J. A. Hickson, M.P.S., asked if the Committee would send its way to make representations to the Registrar and Pharmaceutical Society to the effect that in the committee's opinion there were sufficient persons in the borough registered under Part II of the Poisons Act, and sufficient also to supply the demand of the borough. He believed the number was about twenty-five. Alderman Jenkins said they had not very much jurisdiction. These were appointed by the Government, and, when the necessary details had been given, the Council had no option but to grant the certificates asked for. The Committee could look into the matter, give a report, and discuss it.

#### Yorkshire Pharmaceutical Employees.

At a recent meeting of the Yorkshire Federation of the Association of Pharmaceutical Employees, the need for refresher courses for pharmacists in practice was stressed, and the suggestion was made that postal courses might be attempted during war-time, adequate spare-time courses being established in all areas immediately after the war. It was further felt that employees should be represented on the administrative side of National Health Insurance work, as being closely affected



any changes in N.H.I. matters. The importance of pharmaceutical contact with medical associations was stressed, and local sections of the A.P.E. were advised to get in touch with these bodies in their own interests and to impress upon them the need for an adequate pharmaceutical service for any future planning.

**Perfumery and Toilet Preparations.**—The Perfumery and Toilet Preparations Manufacturers' Section and Export Group of the London Chamber of Commerce has been in communication with the Board of Trade on the matter raised at the last meeting, namely the proposal of the Board that a 50 per cent. quota, to be granted to firms approved concentration schemes in specified areas, should operate only from the date the approved scheme begins to work fully and should be proportionate to the part of the quota period then remaining. As a result of the further discussion the Board has now informed the Chamber that those firms which take part in concentration schemes which are approved before the end of September will be informed at the time such approval is made (where the approval has already been given, the notification will be made shortly) that licences will be issued to bring their quotas up to a 50 per cent. level, these licences to operate as from August 1. The Board also stated that nucleus certificates will be issued as soon as approval is granted to concentration schemes. In this connexion the Chamber had pointed out that difficulties might be caused if the issue of the nucleus certificates were deferred until the revised schemes were actually in operation. In cases where concentration arrangements have not been approved by the end of September the above arrangements will not apply. The date from which the additional licences will operate will be decided in the light of the circumstances of each particular case.

**Eire Pyrites Production.**—Pyrites mines in the Vale of Avoca, co. Wicklow, which have been derelict since the seventies of the last century, have recently been put into production again. About 1,000 tons of ore, according to the "Irish Times," been mined already, and in the coming months production of 150 tons weekly is aimed at. The ore is forwarded to Dublin, mainly for the manufacture of sulphuric acid. At present the mines employ seventy men, 40 are employed half above ground and 30 half underground. Another mineral obtained in the same locality is ochre

which, formerly exported in crude form, is now being processed on the site.

**Irish Pharmacists' Retreat.**—This year's annual enclosed retreat for pharmacists, organised under the auspices of the pharmacy branch of the St. Joseph's Young Priests' Society, will be held at Milltown Park, Dublin, from November 28 to 30. Pharmacists who wish to attend should communicate immediately with Mr. Frank McDonnell, M.P.S.I., 12 Sommerville Park, Rathmines, as the number of places is limited.

**Eire Salvage Campaign.**—The Irish Drug Association, in furtherance of its campaign to salvage waste, has issued a card for display by members urging customers to return insulin vials, empty tooth-paste and cream tubes, etc. Space is provided on the card to incorporate additional items from time to time. At a later date arrangements will be made by the Association for collecting the salvage. The I.D.A. secretary points out that the use of any wrapping paper or container, in a retail sale, unless such paper or container is "reasonably required" for the protection of the article, is prohibited.

**Indian Chemical Manufacturers.**—The Committee of the Indian Chemical Manufacturers' Association recently met the Supply Member of the Government of India and discussed with him the difficulties met by Indian manufacturers of bichromates since the coming into force of a Chrome Compounds Control Order, 1941, the stoppage of supply of caustic soda and bleaching powder for civil requirements, and the non-availability of quinine. The Association pointed out that excessive imports and the low price fixed for imported sodium bichromate by the Government, had resulted in the manufacturers being unable to dispose of their production; some were on the verge of discontinuing manufacture. It suggested that the Government should first take up the whole Indian production and that only additional requirements should be met by importing. The Supply Member explained the steps taken by the Government in ascertaining costs of production and other factors relating to sodium bichromate, and promised to take necessary action for safeguarding and protecting the domestic industry. He stated that the shortage of caustic was due to several factors, including shipping difficulties, but he hoped the Government would shortly be able to release a quantity for civil requirements.

## TOPICAL REFLECTIONS

### The State and the Patient

Your account of the annual representative meeting of the British Medical Association (p. 303) gives us the satisfactory impression that the Association is sound on the general principles of medical organisation. There is at present a good deal of "fluffy" thinking on the relation of the State to the individual citizen. Irresponsible people, reading about the benefits, real or supposed, of State control in the emergencies of war, may jump to the conclusion that the more of such control we have, the better. But responsible people, thinking of and in some instances planning for post-war conditions, need to keep clearly in mind the proper limits of State regulation of the life of the community. Where does the State "come in" with regard to the thousand-and-one transactions of daily life? Obviously there must be legislative control in such matters as a system of weights and measures or the relation of railway companies to the owners of the land through which their lines run. But in public health in its various aspects conditions of a different kind obtain. We are not born on a mass-production system, nor do we die (though no doubt our enemies would like us to do so) on such a system. Medical students have often been reminded that they are trained to treat patients, not diseases; and the epigram has a wide application. Pharmacy, like medicine, makes its advances point by point, now in one subject, now in another. We expect the State to confine itself to its proper function of interpreting national needs in the elements of civilised life, leaving the qualified to use their expert knowledge in the service of the nation untrammelled by the expedients of mass production.

### Candour

It is to be hoped that most of your readers have studied the excerpts from "The British Medical Journal" on pp. 299-300. The last of these is highly gratifying in its candour. "Big business," the author writes, "... has given a phenomenal impetus to pharmacological research, and, in my view, has secured its truly remarkable results not only by the expenditure of capital but by putting behind its research men the peculiar acumen and enterprise which are characteristic of business." These results have been and are being secured by two methods, research in departments of

commercial organisations and research in institutions established elsewhere. From time to time you announce the opening of a laboratory—at, for instance, a university or a hospital—built and endowed by a manufacturing house or by one or more of its directors. There is no obligation to make any results obtained contribute to the profit, or even to the prestige, of the donors. The outcome of such far-sighted munificence is increasingly evident. The writer's candour, however, does not stop there. He proceeds to assert that "many of us simply neither prescribe nor dispense" but "dope out" stock mixtures. Such forthright criticism reinforces much that has been written elsewhere on the same subject by both medical and non-medical publicists.

### Anti-scorbutic Pioneers

One of the puzzles of medico-pharmaceutical (or pharmaco-medical) history is that James Lind managed to "get away with it" as the *fons et origo* of the treatment of scurvy by administering oranges and lemons. The old legend has just come up again (p. 301). This use of these fruits was noticed as far back as 1564 in a treatise by B. Ronseus. Richard Mead issued in 1749 "A Discourse on the Scurvy," in which he not only recommended oranges and lemons as antiscorbutics but illustrated his advice with an anecdote to the effect that a British admiral had had great success in the Mediterranean with the treatment. The date of the experiment was not mentioned; but in 1747, two years before Mead's book appeared, John Huxham, of compound tincture of cinchona fame, wrote a letter recommending the same fruits, for prophylaxis as well as for cure, and sent it to "The Gentleman's Magazine" and to another paper. He repeated his observations in a book three years later. Lind followed on similar lines with publications in 1753 and 1757. Huxham and Lind had ample experience of scurvy among sailors, the former as a practitioner on the South Coast and the latter as a naval surgeon. They and Mead might all have claimed to have done their tests independently, but for priority of publication Huxham must take the lead. According to Sir John Pringle, president of the Royal Society in 1772-78, Captain Cook the explorer had "no great opinion" of oranges and lemons used for an antiscorbutic purpose without an adjuvant.

**Xrayser**



## LEGAL REPORTS

**Dangerous Drugs Act Prosecution.**—At West London Police Court, on September 11, Yvonne Gabrielle Llewellyn-Roberts, Sloan Avenue, Chelsea, pleaded guilty to being in unauthorised possession of morphine sulphate. She admitted obtaining morphine by forging the signatures of doctors. The magistrate ordered a remand on bail for six months so that she might return to a nursing home for treatment.

**Phos-Vita Tonic.**—At Manchester, on September 16, Walter Lord, Ltd., chemists, Hyde Road, Gorton, were fined 40s. for a contravention of the Food and Drugs Act in respect of the sale of Phos-Vita Tonic. There was a further fine of 20s. for failing to indicate on the label of the bottle the ingredients of the mixture as required by the Pharmacy and Medicines Act, 1941. Mr. A. N. Leather, deputy city analyst, estimated that a bottle of the mixture contained two pennyworth of quinine, and that the value of the ingredients altogether was less than 6d. Mr. W. Corbett, defending, contended that the preparation was a tonic medicine, if a weak one. He produced an invoice from the Phos-Vita Tonic Co., St. Helens, showing the purchase from them by the defendants of six dozen bottles of the tonic. The tonic, he said, was bought in May and the Act requiring an analysis to appear on the label only became operative in July.

**Prices of Goods Act.**—At Old Street Police Court, London, on September 17, Morris Schulman and his wife, Gertrude, Frostic Place, Stepney, were summoned for selling lipstick at more than the permitted price and re-selling controlled goods which had been bought by retail. It was alleged that Mrs. Schulman sold a lipstick for 8s. 6d. when the maximum legal charge was 7s. 2d. The retail price of the lipsticks in a West-end store was 5s. 6d., at which price Mr. Schulman admitted buying the lipstick at a West-end store. It was pointed out that even if he sold it at 5s. 6d. he contravened an Order which prohibited him from selling in the course of his business goods bought by retail in the course of his business. The magistrate dismissed summons against the husband alleging that he sold at more than the permitted price, but fined him 40s. on the re-selling summons. He fined Mrs. Schulman £40 for overcharging and ordered her to pay a nominal fine of 1s. on the re-selling summons.

**Lemon Cordial.**—At Richmond, Surrey, on September 14, Mr. Papadimitriou, trading as the Park Mineral Water Works, Acton, London, W., was summoned for selling lemon cordial under a label which was calculated to mislead. The analyst's certificate stated that the liquid contained citric acid, 1.8 per cent.; saccharin, 0.08 per cent., lemon or other citrus fruit tissue in suspension, a trace; and the remainder was water, with a small proportion of flavouring matter. There was no sugar. Mr. Papadimitriou showed a food inspector a tin which was labelled "Bottlers' lemon," and added: "It is true there is not very much lemon in the cordial, but we put about one gallon of this to every 100 gallons."—Cross-examined, witness said that "bottlers' lemon" was a commercial product, and presumably defendant would not know what it contained. There was no suggestion that it was manufactured by him. Defendant said he had no knowledge as to what the "bottlers' lemon" contained. He said that he stopped calling the liquid cordial on July 13, after some trouble with the Hampstead Borough Council, and he ceased issuing the old labels at once. He added that the "bottlers' lemon" was concentrated to the extent of four to one. A fine of £5 was imposed.

**Charges Against Directors.**—When William Henry Johnstone and Henry Meyer Levin appeared on remand at Clerkenwell Police Court, London, on September 15 (see *C. & D.*, September 19, p. 290), evidence was given by Albert Edward Oak, secretary of Woodlands (Chemists), Ltd., He said that after the head office and warehouse of the company were destroyed by enemy action in April 1941 a new head office was taken at Lowther Road, Hol-loway, and the defendants were given the power to replenish stock. The management of the company was left almost entirely to them. Witness said that A. H. Price (Wholesale Chemists), Ltd., was a subsidiary company of Woodlands (Chemists), Ltd. Sylvia Tennant, secretary of A. H. Price (Wholesale Chemists), Ltd., said she made out cheques for £1,170 and £900 respectively which were afterwards signed by both defendants. A bank manager gave evidence that these cheques were presented at the bank by Johnstone and Levin, who were paid the amounts stated in notes. A number of bank witnesses gave evidence that notes with corresponding numbers were paid into

bank accounts of Mrs. Johnstone, the defendant Levin, and a Miss Pauline Malcolm. Detective-Inspector Callaghans said that on May 18 he called at Levin's address and had an interview with his wife in his presence. As he was leaving Levin said to him: "I want to impress on you that my wife is innocent, and while she has used the name of Pauline Malcolm she knows nothing about P. Malcolm & Co. There is no such firm. P. Malcolm is a fictitious company, invented by us so that we could submit bills for merchandise for which we could not get invoices."

Johnstone and Levin were committed for trial at the Central Criminal Court.

**Vironita Wine.**—At Bletchley, Bucks, on September 17, Maurice Calthorpe, Clifford Tordoff, and James Denton (of M. Calthorpe & Co., manufacturing chemists, Ossett) were fined a total of £60 for selling Vironita Iron Tonic Wine bearing a label giving a false description, and for selling the same article with a label calculated to mislead the public. For the prosecution it was stated that a bottle bought at a shop in Woburn Sands, Beds, was found to contain 95.28 per cent. water, 1.54 per cent. glucose, 2.15 per cent. sugar, 0.02 per cent. saccharin, 0.12 per cent. mineral matters, 0.89 per cent. chloroform, and traces of quinine, iron and phosphoric acid. The label said the tonic wine contained glucose, "life's vital force," iron, "a blood enricher," and phosphorus, "a nerve food." Actually the amount of these in the mixture was far below the usual standard. Eric Voelcker, public analyst, said that he analysed some of the wine and thought the labels on the bottles false and misleading. Dr. Henry Edward Cox, a London consulting public analyst, confirmed the figures of the analysis, and said that to his mind the label indicated that the wine was a drug and not, as had been suggested, a food.

For the defendants it was said that they were unaware that the labels did not properly describe the contents. They had not manufactured that particular batch, having given the order to another firm of manufacturing chemists. They did not know that these chemists had added little or no retaining agents to the mixture to keep the iron and phosphorus. Consequently the quantity of these ingredients was lost in the filtering of the mixture into bottles. When the defendants were told of the position they spent a lot of money trying to recall the faulty bottles. Wholesalers were circularised and advertisements placed in fifty-two newspapers stating that a stock

of the wine was in circulation which did not comply with the usual formula. Maurice Calthorpe said that his company had been manufacturing the mixture, but the fault batch had been made for them by another firm. He admitted that labels had been changed on the bottles several times. The original contained more glucose but this had to be reduced as supplies became difficult to obtain. The mixture sent to them was supposed to conform to the formula and it was not possible to analyse each batch made outside.

## TRADE NOTES

**Price Reduction.**—Reductions in the prices of Betaxan brand of Vitamin B (aneurin hydrochloride), to take effect on October 1, are announced by Bayer Products, Ltd. Details are given on another page.

**Not Rationed.**—Macleans, Ltd., Great West Road, Brentford, Middlesex, point out that Mac brand antiseptic throat sweets are not subject to personal-points rationing, and can therefore be sold without the surrender of coupons.

**Cosmetic Raw Materials.**—A number of raw materials essential in the manufacture of cosmetics are available in quantities from 1 lb. upwards from Borys Beauty Products, Ltd., Trenmar Gardens, Willesden, London, N.W.10. The products include perfume compounds, stearic acid, lanolin, sulphonated fatty alcohols, beeswax, paraffin wax, glycerin substitute, talcum powder, etc.

## Business Changes

Row & TAYLOR, LTD., chemists, 6 St. Stephen's Street, Norwich, have purchased the business of Fuller & Co., Ltd., chemists, 18 Rampant Horse Street. Mr. W. H. Rudd, formerly manager for Messrs. Fuller, becomes a director.

## Proprietary Articles Trade Association

**Alterations to Protected List.**—*J. Goddard & Sons, Ltd.*, Goddard's plate powder, 1s., 9s. doz.; 2s., 18s. doz. Goddard's liquid plate-polish (now in one size only), 1s. 3d., 11s. 3d. doz., exempt from tax. Supplied singly or assorted with other Goddard products, 6 doz. net; 12 doz., less 5 per cent.; 36 doz., less 7½ per cent.; 72 doz., less 10 per cent.; 144 doz., less 12½ per cent., all carriage paid. Further 2½ per cent. cash discount for payment within thirty days.

*Southall Bros. & Barclay, Ltd.*, Southall's compound malt and oil, 1-lb., 3s., 24s. 6d. doz.; 2-lb., 5s. 6d., 45s. 3d. doz. Exempt from tax.



## PARLIAMENTARY NEWS

**Board of Trade Enforcement Methods.**—Mr. Lipson asked the President of the Board of Trade on September 11 how many enforcement officers of his Department had been found guilty of disobeying their instructions to avoid provocation, and what action had been taken against them.

The Parliamentary Secretary to the Board of Trade (Captain Waterhouse): None, Sir, apart from one borderline case, on which my right hon. Friend decided, after a full investigation, that no disciplinary action was called for.

**Compulsorily Closed Businesses.**—Mr. Hannah asked the President of the Board of Trade on September 11 what form it was proposed to give the assistance to which businesses, now compulsorily closed, would be entitled in order to start again after the war.

Captain Waterhouse: The precise forms of assistance must clearly depend on the circumstances prevailing at the end of the war, but the Government have no intention of departing from their statement of policy laid down in Command Paper 6258 on the concentration of Production. . . . The words in the White Paper are: "The closed factories should be kept ready to start again as soon as possible after the war. The Departments concerned will then take all measures open to them to assist their speedy reopening."

**Scientific and Technical Advice.**—Rear-Admiral Beamish asked the Lord President of the Council on September 9 what was the attitude of the Government towards the establishment of a central scientific and technical board proposed by a Motion then in the Order Paper and supported by the Association of Scientific Workers. The Motion was:—

"That this House is of the opinion that present circumstances require the early establishment of a whole-time Central Scientific and Technical Board to co-ordinate research and developments in relation to the war effort and to ensure that the experience, knowledge and creative genius of British technicians and scientists exert a more effective influence over the conduct of a highly-mechanised war."

Sir J. Anderson: In the view of the Government the best method of utilising the scientific resources of the country for the purposes of the war is to ensure that each Ministry or Department has available to it skilled service of the requisite quality and to provide for the necessary co-ordination by arrangements appropriate to the

particular circumstances where the same or similar problems are the concern of more than one department. It is in pursuance of this conception that my right hon. Friend the Minister of Production has just added to his staff, on a whole-time basis, three men of scientific and technical eminence, who will work under the immediate supervision of the Lord Privy Seal acting for this purpose on his behalf.

## COMPANY NEWS

**G. H. F. MANUFACTURING CO., LTD. (P.C.).**—Capital £100. Manufacturers of and dealers in toilet requisites, etc. First directors to be appointed. R.O.: 73 Northcote Road, London, S.W.11.

**W. NEVILLE & SON, LTD. (P.C.).**—Capital £5,000. Manufacturers of and dealers in mineral waters, soft fruit drinks and concentrated drinks, manufacturing chemists, etc. Thomas J. Winning, John J. L. Henderson and Gordon W. Raine, directors. R.O.: 194 Two Ball Lonnen, Fenham, Newcastle-on-Tyne.

**BERTRAM OF BOND STREET, LTD. (P.C.).**—Capital £4,200. To acquire the business of a soap distributor and brand owner carried on by Bertram May at 49 Old Bond Street, London, W.1, and to manufacture and deal in soap, toilet requisites, etc. Bertram May and Hugh E. Axton, directors. R.O.: 49 Old Bond Street, London, W.1.

**ASPRO, LTD.**—Directors recommend a final dividend on the ordinary stock of 15 per cent., making 25 per cent. for the year (same as last year).

**IMPERIAL CHEMICAL INDUSTRIES, LTD.**—Directors announce an interim dividend of 3 per cent. actual on the issued ordinary stock of the company for the trading year to December 31. The dividend will be payable (less income tax at the standard U.K. rate reduced by Dominion income tax relief at 8d. in the £) on December 1 to stockholders on the register on September 29.

**PARTNERSHIP DISSOLVED.**—The partnership between Herbert Richardson Jackson and the late William Kendall Jackson, chemists and druggists, 7 Sunbridge Road and Aldermanbury, Bradford, under the style of Harrison, Parkinson & Co., was dissolved by the death of W. K. Jackson on May 23 ("London Gazette," September 18). The business will be continued by H. R. Jackson under the same style and at the same addresses.

# PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

THE monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland was held at 73 University Street, Belfast, on September 18, the president (Mr. James Glendinning) in the chair. Also present were Messrs. H. F. Moore (vice-president), J. F. Grimes, J. P., Charles Abernethy, James McDowell, S. H. Forrest, J. Irwin, J. E. Connor, J. P., J. T. Nicholl, J. McGregor, Walter Tate, J. W. Gray, J. P., Sir Thomas McMullan, D.L., and Professor E. B. C. Mayrs. Mr. D. L. Kirkpatrick (secretary) was in attendance.

MR. WALTER TATE, on behalf of the Council, extended a hearty welcome to the president on his return to the chair after his recent illness, and expressed the hope that he would be long spared to be in their company. THE PRESIDENT suitably replied.

MR. J. T. NICHOLL (treasurer) presented the financial statement, which showed a balance on the right side. The statement was adopted.

The following letter from the Ministry of Home Affairs (Northern Ireland) was read by the secretary:—

With reference to your letter of 26th ultimo respecting the absence of pharmaceutical chemists from their business premises without leaving a qualified assistant in charge, I am directed by the Minister of Home Affairs to state that the Ministry has noted the opinion of your Council's solicitor on the point to the effect that a pharmaceutical chemist may leave his shop without a qualified man in charge, provided he instructs his staff not to sell poisons or compound prescriptions during his absence.

It was proposed by THE VICE-PRESIDENT, seconded by THE TREASURER, and passed unanimously, that the secretary be granted a war bonus of £50 per annum dating from September 1, 1941, and also that the salary of the assistant secretary be increased weekly dating from June 1, 1942.

The following nominations were passed: Thomas Montagu, 4 Hayesbank Park, Londonderry; John Chapman, Mulladry, Portadown; George Taylor, 16 University Street, Belfast; Kenneth Nixon Emery, 15 Lucerne Parade, Belfast; Mrs. Eileen Barr, 42 St. Ives Gardens, Belfast; Samuel McMurray, 3 Parkview Terrace, Woodvale Road, Belfast; John B. Thompson, 101 Enfield Street, Belfast.

The annual meeting was fixed for October 5.

## Education Committee

At a meeting of the Education Committee of the Society, held on September 18, the certificate of apprentice was granted to the following candidates, who had submitted certificates from the undernoted bodies: *Senior Certificate, Ministry of Education (N.I.)*.—Margaret Bodkin, Patrick Francis Burke, Stanislaus Martin, Sarah Jane Fitzpatrick, Laura Joan Headon, Sheila Higgins, William Jenkins, Desmond Michael Mahon, Richard McConaghy, John Joseph McCormack, Thomas E. McDaid, Ivy Marie Taylor, William Joseph Thompson, William Harold Simms. *Pharmaceutical Preliminary of Queen's University*.—Angus Brown, David Norman Palmer Alexander. *Oxford Local (Senior)*.—Daniel Kennedy. THE SECRETARY reported that gold medal marks had been obtained by the following: Part I, Robert E. Courtenay and Patrick J. Gallagher, Part I, Francis Ward, and the Israel Miller had won a book prize for Pharmacy.

It was agreed that the Society's winter examinations be held in the College of Technology, Belfast, during the week beginning Monday, December 7, entries to be accepted up to and including Saturday November 7, or with an additional fee of 10s. 6d., up to and including Saturday November 14.

## NEW BOOKS

**Excess Profits Tax Simplified.**—Wilson H. A. R. J. 8½ in. by 5½ in. Pp. 100 7s. 6d. H. Foulks Lynch & Co., Ltd., 16 Coleman Street, London, E.C.2. The third edition of this practical book closely follows its predecessors in contents. The work is a valuable summary of the provisions of the Finance (No. 2) Act, 1939, and the Finance Acts, 1940-42, with practical illustrations.

**War Gases and Foodstuffs.**—Wooldridge, W. R. 8½ in. by 5½ in. Pp. 50 (with chart). 2s. 6d. Leonard Hill, Ltd., 17 Stratford Place, London, W.1. Dr. Wooldridge describes in detail methods of combating chemical warfare, in so far as food is concerned. Chemists will find in it much useful information. The book contains a chart showing the action of war gases on animals, first aid and method of protection.



## EIRE COUNCIL ELECTIONS

For the first time for many years the seven seats which annually fall vacant on the Council of the Pharmaceutical Society of Ireland are being strongly contested. The seven outgoing Councillors, all of whom are seeking re-election, are Messrs. T. C. Scott, Harold's Cross, Dublin; Patrick J. Fielding, Cork; James Duggan, Summerhill, Dublin; James V. McKeever, Dublin; Patrick Burke Kelly, Enniscorthy; J. K. Whelehan, Mullingar; and B. P. Hickey, Rush, Dublin.

The six pharmacists newly seeking Council honours, as a group, are Cornelius A. Collis, Phibsboro, Dublin; Michael Costelloe, Fairview, Dublin; William Cunningham, Dublin; John P. Kissane, Limerick; Edmund J. MacSweeney, Cork; and Patrick G. Redmond, Dublin. Of the outgoing councillors Messrs. Scott and Duggan have already issued election addresses.

### Joint Election Address

The six newcomers set out six points in their joint election address. The policy embodied in the six points includes closer cooperation between the Council and the various pharmaceutical organisations; withdrawal of all 1908 Act licences issued by County Councils; amendment of the Pharmacy Act to regulate dispensing and compounding in all hospitals, asylums, dispensaries, and public-health services; preservation of the retail sale of all medicinal preparations to legally qualified persons; insistence that all wholesalers, wholesale agents, and manufacturers shall employ qualified persons to handle poisons; encouragement of all licentiates to become members of the Society, with a view to future legislation; and lastly the creation of a Federation or Guild of the various pharmaceutical interests on a vocational basis without interference with the internal working of existing organisations. The slogan of the group is "Vote for a Progressive Pharmaceutical Policy."

Messrs. Scott and Duggan, in their appeals to the electorate, set out a record of their services in the trade body and as members of the Council.

The following are notes on the candidates, taken alphabetically:—

**Collis, Cornelius A.**—Qualified for ten years, Mr. Collis comes of a Dublin pharmaceutical family, and served his apprenticeship at Oliphant's, Drumcondra, where he remained until he established his own

businesses, first at Finglas and later at Phibsboro, Dublin. He can lay claim to a notable record of service as a worker on behalf of the Benevolent Fund of the Pharmaceutical Society, first as secretary of the Dance Committee for four years, and



Mr. C. A. Collis

in 1941, when the dance proceeds were the highest on record, as chairman. Mr. Collis is the dispenser to the Orthopaedic Hospital, Cappagh, Finglas.

**Costelloe, Michael.**—A native of Castleisland, co. Kerry, Mr. Michael Costelloe



Mr. Michael Costelloe

came to the pharmacy of his cousin, the late Timothy Costelloe, after completing his apprenticeship at Tralee. With "Tim," who was a former treasurer of the Phar-

maceutical Society, he did much to launch several native pharmaceutical industries. His knowledge of retail pharmacists' problems comes from the first-hand experience of running his own well-established but modern pharmacy at Marino. He plays an excellent game of golf and was last year's captain of the Irish Chemists' Golfing Society.

**Cunningham, William G.**—"Bill" Cunningham, as he is popularly known to hosts of chemist friends, has been a doughty champion of the rights of pharmacists holding public appointments as dispensers. He is the driving force behind the Irish

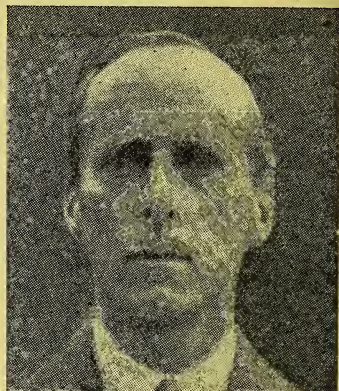


Mr. W. G. Cunningham

Dispensary Compounders' Association, of which he has been secretary for some years past, and is himself compounder at one of Dublin's largest poor-law dispensaries (Store Street). Mr. Cunningham began his pharmaceutical career at the Grafton Street branch of Hayes, Conyngham & Robinson, Ltd., subsequently managing Boyd's Pharmacy, Parkgate Street, Dublin. He holds a Grade 1 instructor's certificate of the St. John Ambulance Brigade, for which he also acts as examiner. As a rugby football enthusiast Mr. Cunningham has been capped both for Belvedere, his old school, and for Bective Rangers.

**Duggan, James.**—The Duggan family has been in the drug trade in Dublin since 1884. Mr. James Duggan, one of the outgoing councillors, took over his father's business at Summerhill in 1921, and has a consistently fine record of work for Irish pharmacy both on the Council and the trade body. For many years he served on the committee of the Dublin and Provincial

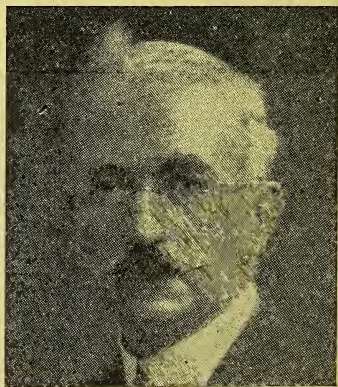
Retail Drug Association, which later came the Irish Drug Association, and was its president in 1931 and 1932. Elected to the Council of the Pharmaceutical Society



Mr. James Duggan

nine years ago, he has seldom missed Council meeting over that long period.

**Fielding, Patrick J.**—In the Society Council there is no more popular or more widely respected member than Mr. Fielding Cork, another outgoing candidate. H



Mr. Patrick J. Fielding

allies a sound judgment with a sense of racy humour that makes him an admirable colleague. His particular interest is the education of pharmaceutical students in Cork, and he has worked unsparingly to have the Cork Technical Institute recognised as a pharmacy school. Mr. Fielding was



president of the Pharmaceutical Society of Ireland in 1933-34, and is a leading pharmaceutical figure in Munster.

**Hickey, Bartholomew P.**—At the time of his election as president of the Society for the year 1937-38, Mr. Hickey was probably one of the youngest pharmacists ever to have achieved that distinction. In the North Leinster area he has done trojan work in helping to organise chemists there into the Irish Drug Association. Both as



Mr. B. P. Hickey

vice-president and as president Mr. Hickey displayed real administrative ability, and as a councillor seeking re-election he can point to a particularly good record of attendance, even in face of present transport difficulties. He has shown special interest in the welfare of the Benevolent Fund of the Society, giving every function organised on its behalf his practical and generous support.

**Kelly, Patrick Brooke.**—For over a decade Wexford and the eastern counties have been ably represented on the council by Mr. Kelly, an Enniscorthy pharmacist, who filled the presidential chair from 1931 to 1933. The Council rightly esteems Mr. Brooke Kelly as its leading authority on pharmaceutical education, particularly in the field of botany. A man of the widest culture both in languages and music, he has the advantage of having had Continental experience in pharmacy with Roberts & Co., Paris, and in Nice and Morocco; for a time, also, he served with the French Army Medical Corps as a dispenser. On two occasions he represented his country at international conferences at Brussels and Bordeaux.

**Kissane, John P.**—See note on p. 320.

**McKeever, James V.**—Mr. McKeever, another outgoing councillor, hails from



Mr. P. Brooke Kelly

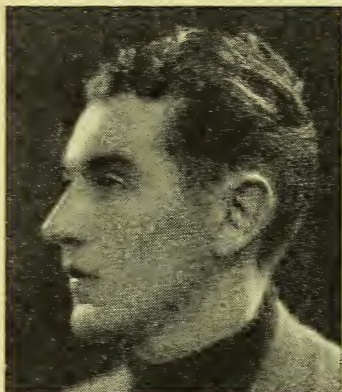
Killiney, and served his apprenticeship at Graham's Pharmacy, Westmoreland Street, Dublin, before establishing his own business at Clare Street in 1919. He lives almost within a stone's throw of 67 Lower Mount Street, and is a most useful man on committees, on which he has given consistently fine service during the past seven years. He brings to the Council the viewpoint of the practical business man, and has well justified his place on the Council.

**MacSweeney, Edmund J.**—Mr. MacSweeney is one of the most active of the younger group of pharmacists in Cork, where he succeeded to the business built up by his father, the late Mr. Eugene MacSweeney, in Patrick Street. For several years past he has taken a prominent part in every activity in the South directed towards the betterment and advancement of pharmacy. He is a man with a keen, progressive outlook.

**Power, William.**—See note on p. 320.

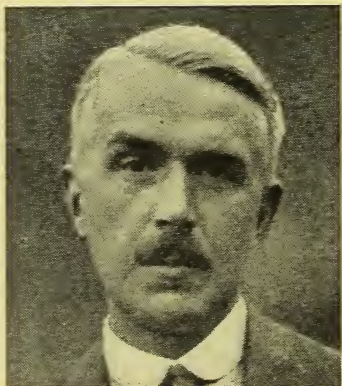
**Redmond, Patrick G.**—In the panel of six newcomers Mr. Redmond is probably the youngest, but though young in years he has been active in many fields of pharmaceutical endeavour. A Kerryman, Mr. Redmond was in his student days one of the moving spirits behind the annual dances organised by the Pharmaceutical Students' and Assistants' Association. From 1935 to 1937 he was official organiser for the Assistants' Union, and attended all the negotiations that led up to the 1936 agreement. Since 1940 he has given unstinted

time and energy to the work of the Benevolent Fund Dance Committee. Mr. Redmond qualified in 1940, and manages the Kenilworth Pharmacy, Harold's Cross.



Mr. Patrick A. Redmond

Scott, Thomas Cecil.—On the trade side of pharmacy few Irish pharmacists can excel Mr. Scott's record. During his presidency of the Irish Drug Association from 1933 to 1936 the trade organisation became, from being a more-or-less Dublin body, nation-wide, with local provincial subassociations. He was responsible, too, in great measure for the drive behind the campaign of "chemists' lines for chemists' only" which later led to the creation of



Mr. T. C. Scott

approved lists and of a wholesalers' section of the I.D.A. Such abuses as discounts to guilds and associations were abolished

during his tenure of office, as well as the innovation of shorter working hours for pharmacists. It is on these concrete results and his work on behalf of his fellow chemists during twenty-one years that Mr. Scott seeks re-election.

Whelehan, John K.—The Midlands needed a representative on the Pharmaceutical Council, and when Mr. Kevin Whelehan came to Lower Mount Street some years ago they certainly were given most effective voice. Mr. Whelehan was



Mr. J. K. Whelehan

then a young and enthusiastic chemist who achieved great things in Meath, Westmeath, Longford, and adjacent counties. He knit the scattered pharmacists of the Midlands into a live local body allied to the I.D.A., and he has since proved himself a painstaking and alert member of the Society's Council. Despite travel difficulties from Mullingar, Mr. Whelehan has a fine attendance record.

*At the time of going to Press, biographical details of Messrs. J. P. Kissane and W. Power had not been received.*

### Voting

The voting papers for the Council elections will be sent out on Thursday, September 24, and any member of the Society who does not receive his paper by Monday, September 28 should at once communicate with the Registrar, Pharmaceutical Society of Ireland, 67 Lower Mount Street, Dublin. The count takes place on October 5, and no paper will be received after 11 a.m. on that date. Voters should therefore ensure that their papers are posted back in good time for inclusion in the count.



## PERSONALITIES

LIEUTENANT-COLONEL R. W. WREN, a director of Potter & Clarke, Ltd., now on active service, has been awarded the Territorial Decoration.

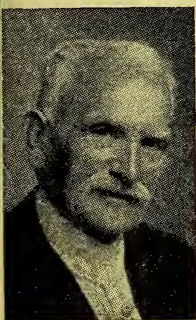
MISS ELIZABETH GLEN DOBIE (chief pharmacist, Birkenhead General Hospital) has been elected president of the Federation of Soroptimist Clubs of Great Britain. At a reception by the North-western Soroptimist Club at Birkenhead Town Hall on September 15, members of the club presented her with a crystal lamp.

## DEATHS

CLIFFORD.—At 18 Weymouth Avenue, Ealing, London, W., on September 21, Mr. Francis William Clifford, Commander of the Order of St. John of Jerusalem, librarian of the Chemical Society and Fellow of the Library Association.

DAVIS.—Recently, Mr. William Olinthus Newman Davis, M.P.S., 211 Ainsworth Road, Ilkeston, aged forty-seven.

ROURA.—On September 15, His Excellency Don Jose Eduardo Roura, aged eighty-seven. Mr.



H.E. Don J. E. Roura

Roura was widely known in business circles as the proprietor of the firm Roura & Forgas, cork merchants, importers and exporters, which he founded in 1870 and personally directed up to some two years ago, when illness and advancing years compelled him to retire from active participation. In addition to the cork business he had many and varied activities, but it may be mentioned that for many years his firm acted as world distributors of the production of the principal European quicksilver mines. Foremost among his interests were those affecting his native country, Spain, and for twenty-eight years he was honorary president of the Spanish Chamber of Commerce in London. In 1933 the committee and members presented him with a commemorative plaque in recognition of his twenty-five years' tenure of office. During the war of 1914-18 Mr. Roura

was president of the neutral Commission for the Relief of the Civilian Population of Belgium and Northern France. For these services he was awarded the Grand Cross of Isabel La Catolica in Spain and the Leopold Cross in Belgium. During his long career Mr. Roura's firm but kindly character gained him a large circle of personal and business friends. Many of these have passed on before him, but those remaining will remember him as a distinguished gentleman whose sterling character was matched by a charm of personality which endeared him to all those with whom he came in contact. A memorial service will be held at St. James's, Spanish Place, at a future date.

WEST.—Recently, Mr. Cecil Maxe West, chemist and druggist, formerly of 150 Perceval Road, Enfield, aged seventy-seven.

WOOD.—Recently, Mr. William Arlington Wood, M.P.S., 24 Victoria Gardens, Horsforth, Leeds, aged eighty-one.

## RECENT WILLS

MR. THOMAS HEATON, M.P.S., Springfield, Whalley Road, Accrington, who died on June 27, left £257.

MR. ARTHUR JAMES DAVEY, 55 Marguerite Drive, Leigh-on-Sea, Essex, retired chemical manufacturer, Barking, who died on February 28, left £2,083 gross, with net personalty £1,805.

MR. ALFRED BROAD STURMAN, 33 Granby Road, Stockport, proprietor of Albert Moss & Co., manufacturing chemists, Stockport, who died on May 21, left £2,714 gross, with net personalty £2,654.

MR. PAUL FELIX BERK, 66 Palace Court, London, W., and Leadenhall Street, E.C., chairman of F. W. Berk & Co., Ltd., chemical manufacturers, who died on April 29, left £22,055 gross, with net personalty £19,579.

MR. WILLIAM THOMAS CALDERWOOD, O.B.E., M.C., Stobhill Grange, Morpeth, managing director of Thomas Hedley & Co., Ltd., soap manufacturers, Newcastle-on-Tyne, who died on November 24, left £12,213, with net personalty £10,069.

MR. WILLIAM TATTERSALL, Lunsford House, Lunsford Cross, nr. Bexhill, formerly a director of J. & E. Atkinson, Ltd., perfumers and toilet soap manufacturers, who died on May 7, left estate of the gross value of £54,725, with net personalty £50,150.



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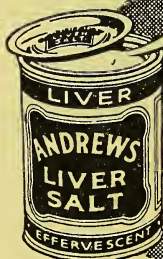
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*The demand  
is for*  
**ANDREW'S**

## TOOTH STICKS

Chemists who have inquiries for Tooth Sticks should get in touch with Keene's Laboratories, Limited, 46 Elswick Road, Newcastle-on-Tyne, 4, who manufacture KEENE'S DENTAL STIMULATORS, which are now produced in five other flavours: PEPPERMINT, CLOVE, CINNAMON, ALMOND and LEMON, and are sent out in 1/- packets. The trade price is 7/- per dozen plus 2/4 purchase tax, and 6 dozen lots can be obtained for 54/-, including tax.

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circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, the British Empire, and foreign countries

Official organ of *The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire*

OL. CXXXVIII SEPTEMBER 26, 1942 NO. 3268

*The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.*

## Sales of War-damaged Buildings

THE attention of the War Damage Commission has been drawn to the fact that there is, in certain quarters, a misapprehension with regard to the manner in which the rights of the various parties to receive payment from the War Damage Commission may be affected by the sale of buildings of land which have suffered war damage.

If a property is so seriously damaged as to be a total loss within the meaning of the War Damage Act, a value payment is made to the persons who hold proprietary interests in it at the time of the damage. If, on the other hand, the property is not so seriously damaged as to be a total loss the usual payment is a cost of works payment. This is made to the person who actually incurs the cost of repair. This person would normally be the purchaser if the sale is effected before the damage is made good.

Any person, therefore, who sells property which has suffered war damage at a price based on the assumption that he will receive from the Commission a payment representing the difference between the value of the property before the damage and the sum at which he sells it in its damaged state, is liable to suffer serious loss

if in fact it is eventually found that the property is one which can, and should, be repaired, since it is the purchaser who will be entitled to claim from the Commission the cost of the repair.

## Manufactured and Pre-packed Foods

THE Ministry of Food has made an Order, The Manufactured and Pre-packed Foods (Control) Order, 1942 (S. R. & O., 1942, No. 1863), the principal object of which is to obtain information about a wide variety of food manufacturing and pre-packing operations over which there is no control at present. The immediate effect of the Order is to require returns to be made in respect of every food manufactured and/or pre-packed (in the special sense given to these words by the Order) by any undertaking, if the food is not specifically exempted. The Order also provides for the subsequent licensing of the manufacture or pre-packing of these foods as and when the necessity arises.

Under the Order "food" means any article used as food or drink for human consumption, except drugs, and includes any article which ordinarily enters into or is used in the composition or preparation of human food, and any flavouring matter or condiment. The Order imposes an immediate obligation to make a return upon the person responsible for the management or control of any undertaking which during the twelve months ended September 30, 1942, manufactured and/or pre-packed any food not specifically exempted. A separate return for each such article of food must be made not later than October 31, 1942, on a prescribed form. Printed forms of return should be used and one form is necessary for each article. Applications for forms of return, stating the number required, should be sent to the Ministry of Food, Central Licensing Panel, St. Tudno, Colwyn Bay, to which address all inquiries relating to the Order should be sent. The return must be posted so as to reach the Ministry at the above address by October 31.

According to the schedules to the Order, the provisions do not apply to the manufacture or pre-packing of the following:

Any single chemical compound (other than salt), chocolate and chocolate confectionery, cocoa butter, dextrin, essential oils, liquid, solid or powdered glucose, honey and imitation honey, invert sugar, marine oils (including any fish liver oil), pepper, saccharin tablets and sweetening tablets, soya flour, starch, sugar confectionery, vegetable oils and fats, and yeast. A return is not required for any food for the manufacture or pre-packing of which a licence or authorisation is held under certain control orders.

### Definitions of Foods

The following definitions of foods included in the schedules (i.e. for which returns are not required) have been provided: Any single chemical compound.—This term includes single chemical compounds which conform to accepted commercial standards of purity. Biscuits does not include medicinal biscuits other than diabetic biscuits. Dextrin includes soluble starch and the substance known as "British gum." Imitation honey means any manufactured product, whether or not containing honey, which is made up so as to resemble honey in appearance, consistency and flavour. Pepper does not include red pepper. Starch means starch made from maize, potatoes, rice, rye or wheat and flour or starch made from sago and tapioca, including cassava, manioc mandioca or any similar tapioca plant. Sugar confectionery means boiled sugar goods, toffees, panned goods and lozenges, liquorice and cream paste goods, pastilles, clear gum and chewing gum and any other sweet or sugar confectionery. Sweetening tablet means a tablet not weighing more than 0.9 gr. and containing not less than 0.09 gr. of saccharin and 0.6 gr. dulcin, mixed with sufficient sodium bicarbonate to render the tablet soluble with or without other excipients. Copies of the Order may be obtained from the Stationery Office, price twopence.

### Harvesting Rose Hips

THE season for collecting rose hips for the manufacture of national rose-hip syrup has arrived, and the hips, whether from wild or cultivated roses and free from stalks, should be gathered as quickly as possible.

The collection of rose hips and their dispatch to the authorised manufacturers of the syrup has been arranged by the Vegetable Drugs Committee of the Ministry of Supply, collecting centres having been set up in England, Scotland and Wales the secretaries of these undertaking the necessary work of organisation and dispatch to the manufacturers.

Although wide publicity has been given to this matter over the radio, through the local Press, and by means of local meetings of the committees, etc., there are numbers of persons who want to collect rose hips, and, indeed, have been collecting them, but who do not know what to do next. Many of these are seeking this information from their chemist.

THE CHEMIST AND DRUGGIST published at the time of their appointment a list of secretaries to herb-collecting committees; this includes a considerable number of names and addresses, and it is from these that the fullest information can be obtained by chemists. The chairman of the National Rose Hips Products' Association is Mr. E. C. Cripps, Allen & Hanburys, Ltd., London, E.2. He will be pleased to give all the necessary information to chemists on receipt of postcards from them. The matter is of some urgency, as not only should the hips be collected from the rose bushes now, but when so collected their keeping qualities are limited if the full value of vitamin C is to be secured.

### An Occasion

THIS issue completes twelve months of THE CHEMIST AND DRUGGIST presented in its present format. The reduction in size of page was an innovation. We were one of the first trade and technical newspapers to make voluntarily such a drastic change, which had as its object economy in paper consumption. Many others have since followed. The reception given to the *C. & D.* in its war-time dress by subscribers and advertisers was very gratifying. At that time we said we hoped the change would enable us to at least maintain the amount of editorial matter in the weekly issues, and this has proved to be the case. No single feature has been omitted, while the type and make-up have been improved, making for easier reading.



## SIGNS OF DEFICIENCY DISEASES

PAPERS on "The Signs and Symptoms of Deficiency Diseases" were read at the third scientific meeting of the Scottish group of the Nutrition Society held at Gleneagles, Perthshire, recently.

PROFESSOR V. P. SYDENSTRICKER, U.S.A., described the clinical patterns that may be associated with deficiency of the B group of vitamins. Vague malaise, weakness, lassitude, nervous irritability, mild depression, muscle pains, anorexia and consciousness of disturbances of gastro-intestinal motility are early symptoms common to all group-B deficiencies. Later, physical signs develop into fairly definite patterns. All symptoms and physical signs resulting from dysfunction or degenerative changes of the peripheral nerves and heart are attributed to thiamin deficiency. Certain dermatoses and lesions of the mucous membranes and symptoms referable to the cerebral cortex and mid-brain are thought to depend on depletion of nicotinic acid. Other changes in the skin and mucosæ and a variety of disorders of the visual apparatus respond to treatment with riboflavin.

DR. JOHN YUDKIN, Cambridge, reviewed the diagnostic criteria of vitamin deficiency in relation to recognised diseases of unknown etiology and obscure signs and symptoms. He pointed out that the available tests could be divided into those which demonstrate the existence of deficiency and those which show that deficiency is the cause of the condition. The stages in diagnosis: (a) Indirect and (b) direct evidence of deficiency, (c) Presence of signs to be expected in deficiency, followed by cure of the condition by correction of the deficiency.

DR. J. R. MUTCH, Aberdeen, gave an account of vitamin-A deficiency in relation to the health of the eyes. He pointed out that, although vitamin A appears to be related to the regeneration of the visual purple, neither the extent nor the rate of dark adaptation, in his studies, bore any close relationship to the vitamin-A content of the diet. Since the introduction of wartime restrictions on diet, there has been no increase in the amount of night blindness, while chronic blepharoconjunctivitis and corneal ulceration have decreased in frequency. On the other hand, there has been an increase in the number of infants showing severe photophobia, a condition which readily clears up on improvement of

feeding and treatment with cod liver oil and ultra-violet light.

MR. J. GERIE, Aberdeen, described the value of vitamin A in the treatment of nasal sinusitis of children, a condition which appears to be on the increase at present. The older treatment of weekly antral lavage is unsatisfactory, for in 60 per cent. of the cases suppuration recurs after the condition has been cleared up. Vitamin A, given to cases with suppuration, did not seem to influence the infective process, but it appeared to be highly effective in the pre-suppurative stage. A number of non-suppurative cases in which the typical thickening of the antral lining had been confirmed by x-ray examination were given vitamin A by mouth or by intramuscular injection, and after one to six months only about 20 per cent. showed suppuration, while 80 per cent. of a group of similar control cases treated without vitamin went on to suppuration.

PROFESSOR NOAH MORRIS, Glasgow, discussing vitamin-D deficiency, said that the classical type of rickets, with its marked skeletal deformities, has almost entirely disappeared in this country, but has left in its place a form of disease which is possibly more dangerous because it is not obvious. Formerly, the earliest manifestations of rickets were thought to appear about the fifth month, but now it is known that rickets may occur in the fœtus if the mother is suffering from calcium- and vitamin-D starvation. He pointed out that while osteomalacia is most commonly associated with pregnancy and lactation, it may also be produced where there is insufficient intake or poor absorption of lime. The non-pregnancy type may often involve the spine alone and is apt to be diagnosed as rheumatism.

DR. A. LYALL, Aberdeen, gave a paper on "Calcium and Phosphorus Deficiency and Hypoproteinæmia." He pointed out that primary nutritional disturbances of these types are rare. Nutritional hypoproteinæmia is infrequent, but may be associated with anorexia or pregnancy, and sometimes with imbalance of chloride and fluid.

PROFESSOR L. S. P. DAVIDSON, Edinburgh, reported an investigation he had carried out in Edinburgh on the hæmoglobin values in infants, children and pregnant women, and compared the results with those found in a similar investigation in Aberdeen a few years ago.

## BIRMINGHAM ANALYST'S REPORT

THE report for 1941 of the Birmingham City Analyst includes references to a number of unsatisfactory drug samples. A sample of boric acid powder actually consisted of a mixture of about one part of boric acid and two of borax. The proprietor suggested a careless assistant might have filled the shop drawer with borax instead of boric acid. A sample of borax bought from a druggist contained thirty parts per million of arsenious oxide, the B.P. limit being five parts. The proprietor explained that he bought the borax as B.P. and had merely sold it as received. It was promptly taken off sale and no further action was taken. Two samples of glycerin of borax were incorrectly dispensed, one being 19 per cent. deficient in borax and the other containing an excess of 17 per cent. In the former instance the pharmacist concerned found a substantial deposit of undissolved borax in his stock bottle, and in the latter the article had inadvertently been made up to an incorrect formula.

### "Fishy Taste" Reduced

On the label of a proprietary brand of malt, glucose and halibut oil was printed the words "One teaspoonful contains 1 minim halibut liver oil." The amount found was only one-sixth of a minim per teaspoonful. The explanation given was that some years previous the content of halibut liver oil was reduced from one to one-sixth minim per teaspoonful owing to complaints of the fishy taste. Unfortunately when the new labels were printed the statement about the oil content was overlooked. All sales of the article had been stopped pending recall and relabelling.

In the first quarter of 1942 a sample of boric acid ointment was found 15 per cent. deficient in boric acid; a sample of seidlitz powders was found 14 per cent. deficient in weight in the white and 8 per cent. in the blue paper. A second sample of seidlitz powders was incorrect and a sample of zinc ointment was found to contain a 28 per cent. excess of zinc oxide.

### Parrish's Food

A sample of Parrish's chemical food was labelled that it contained 0.62 w/v ferrous phosphate and 0.5 w/v calcium phosphate, without indicating that these quantities were respectively about two-thirds and

one-third of the quantities required by the B.P. The article should not, therefore, have been sold either as "Chemical Food" or as "Parrish's Food." The vendors immediately withdrew it from sale.

Two samples of Parrish's chemical food were labelled "Chemical (Parrish) Food" followed by the words, "... formula" in small type; a statement was added to the effect that the preparation differed in composition from the B.P. article in containing 0.62 w/v ferrous phosphate and 0.50 w/v calcium phosphate. These amounts were approximately correct, but it was pointed out to the makers that the terms "Chemical" and "Parrish's Food" were B.P. synonyms and referred to an article of definite composition.

## COMMERCIAL AIRGRAPH SERVICE

THE Airgraph service is available for messages to civilian addressees in: Aden, Anglo-Egyptian Sudan, Bahrein, British Somaliland, Canada, Ceylon, Cyprus, Egypt, India, Iraq, Kenya and Uganda, Mauritius, Newfoundland, Northern Rhodesia, Nyasaland, Palestine, Seychelles, South Africa, Southern Rhodesia, Tanganyika Territory, Transjordan, and Zanzibar.

### Use of Codes

The charge for Airgraph letters addressed to civilian addressees in the countries mentioned is 8d. Commercial codes may be used in Airgraph messages under certain conditions. Any one of the following codes may be used provided that its use is permitted in telegrams to the same destination: A.B.C. 6th Edition, Acme Commodity and Phrase, Bentley's Complete Phrase, Bentley's Second Phrase, Lombard General, Lombard Shipping, New Standard Halfword, New Standard Three-Letter, Peterson's International (3rd Edition). The name of the code used must be shown at the head of the letter and a decode of the letter must be attached to the Airgraph form. The decode must be written or typed on ordinary notepaper and not on an Airgraph form. The form and the decode must be sent together under cover to "Airgraphs, Foreign Section, London, E.C.1." They should not be handed in at any Post Office. No special fee is charged for the use of code in Airgraph letters.



## INDUSTRIAL CLOTHING COUPONS

TEN extra coupons are being allotted, by the Board of Trade, under a new arrangement recently announced, to workers in a number of specified trades, to enable them to make replacements of garments subjected to specially hard wear on account of their occupation. The list of classes was decided upon after consultation with the Trades Union Congress and British Employers' Confederation, and includes:—

"Production, refining, and bulk distribution of oil."

"Production and manipulation of the following or of goods incorporating them: Heavy and fine chemicals, gases, luminous compounds, plastics, abrasives, gelatins, oils, fats, greases, animal gut, bone, and other animal by-products."

"Production of the following: Matches, fertilisers, dyestuffs, pigment colours, paints, varnishes, inks, polishes, glues, and tanning extracts."

"Manufacture of rubber and rubber goods and synthetic rubber and synthetic rubber goods."

"Manufacture of photographic apparatus and materials and photographic processes involving the use of chemicals."

"Manufacture of food and drink products, including milling of cereals and of animal feeding stuffs."

"Treatment of bristles, bass, fibre, and horsehair, and manufacture of brushes."

"Sewerage and telecommunications."

"Reclamation of waste materials (including scrap metal) and collection and disposal or refuse and of food (not being chocolate and sugar confectionery), cold storage."

"Works and plant and laboratory chemists and their assistants, laboratory workers."

"Workers engaged in shifting, loading, and unloading heavy, dirty or corrosive goods."

Despite great variations of need, all the organisations agreed that it would be impossible to attempt any scheme of graduated supplements, and all eligible workers can claim "the industrial ten," but the Board of Trade asks that those who do not need the extra coupons shall not claim them. The list of classes is given in full in Leaflet G.O.S. 10.

## PACKAGING RESEARCH

A MEETING of firms interested in packaging problems was held at the Connaught Rooms, Great Queen Street, London, W.C.2, on September 21, to discuss the report and recommendations of the Packaging Research Committee (see *C. & D.*, August 29, p. 230). Lord Southwood (president of the Printing and Allied Trades Research Association) occupied the chair and introduced Mr. G. W. Severn (chairman of the Committee), who outlined the principal objects of the research scheme. Mr. A. L. Hetherington (Department of Industrial and Scientific Research) then described how the experience of his department would be at the disposal of the Committee in conducting the research. From the discussion which took place it was apparent that those present welcomed the idea of having a neutral association to advise them in immediate war-time problems and were unanimous that much benefit could be derived from the scheme after the war. Asked if the Committee could establish contacts with the transport companies to induce them to engage in similar research work so that the handling of packages could be better carried out, the chairman said that there were already signs that such co-operation would be put into effect to the fullest extent. In reply to another question on the possibility of reducing the minimum subscription rate to induce many smaller firms to join the scheme, the chairman said that the Committee had taken great care in fixing the £25 minimum subscription, which was thought to be relatively small for the benefits which would be derived, but further consideration would be given to this matter by the Committee. After being put to the meeting the report and recommendations of the Committee were adopted, and it was agreed that the Committee should be re-appointed and authorised to invite support from all interested concerns.

ART CLASS IN MAKE-UP.—A cosmetics class, at which girls can learn the art of make-up, has been opened as an experiment by Sheffield Education Committee. Dr. W. P. Alexander (Sheffield Director of Education) said recently, when the first class was held: "We found that girls were coming to technical classes plastered with make-up. Our purpose is to teach them, if they must do it, at least to do it intelligently and wisely so that the make-up is not too noticeable and matches their own features."

# TRADE MARKS

(From "The Trade Marks Journal," September 9)

"RESILON"; for synthetic resin plastics (1).

By Uhlhorn Bros., Ltd., 53B City Road, London, E.C.1. 618,239.

"SOLLKLEAN"; for chemicals for degreasing or derusting metals (1). By Pinchin, Johnson & Co., Ltd., 4 Carlton Gardens, London, S.W.1. 619,342 (Associated).

"WHITE MAGIC"; for shaving cream (3). By W. R. Williams-Crowe, White Ben, South Road, Chorley Wood, Hertfordshire. 619,625.

Label design incorporating words "MATICÁRIA INFANTS' POWDERS," "PÓS DE MATRICÁRIA," name and address of applicants, facsimile signature "George Henry Parsons," and letterpress in English and foreign language ("Pós de Matricária" disclaimed); for medicinal preparations from matricaria herbs for export to Portugal or Brazil (5). By Phosferine (Ashton & Parsons), Ltd., 68 Pall Mall, London, S.W.1. B618,751 (Associated).

"KERNOTOLINE"; for pharmaceutical substances for human and veterinary use, and for sanitary substances (5). By Kernot Holding Co., Ltd., 19 Berkeley Street, London, W.1. 619,584 (Associated).

"IBCOL"; for disinfectant and germicidal preparations (5). By A. Ibbetson & Co., Ib-co Works, Great North Road, Stevenage, Hertfordshire. 619,656.

"COMPLESOL"; for pharmaceutical preparations and substances not being medicated toilet preparations (5). By The British Drug Houses, Ltd., 16-32 Graham Street, City Road, London, N.1. 619,674.

"YOSAN"; for feeding bottles (10). By Cecil Keene, Ltd., 63A Domestic Street, Holbeck, Leeds, 11. 617,387.

"IDRIS"; for all goods (33). By Idris, Ltd., 120 Pratt Street, London, N.W.1. 619,501 (Associated).

"PHOSFERINE TONIC WINE" with label device; for non-medicated tonic wine (33). By Phosferine (Ashton & Parsons), Ltd., 68 Pall Mall, London, S.W.1. 619,249 (Associated).

(From "The Trade Marks Journal," September 16)

"TARZAC"; for plasticisers for synthetic rubber (1). By R. T. Vanderbilt Co., Inc., 230 Park Avenue, New York, U.S.A. 617,051.

"SULPHAVLON"; for pharmaceutical substances containing sulphur (5). By Imperial Chemical Industries, Ltd., Wexham Road, Slough, Buckinghamshire. 618,312 (Associated).

"LAPOGENE"; for hydrogen peroxide for pharmaceutical, veterinary and sanitary purposes (5). By B. Laporte, Ltd., Kingsway, Luton, Beds. 618,555 (Associated).

"VY-TOR"; for medicated wines (5). By M. Calthorpe & Co., 29 East Parade, Leeds, 1. 618,656.

"DALMAS"; for all goods (5). By A. de St Dalmas & Co., Ltd., Dalma Works, Junio Street, Leicester. 619,667 (Associated).

"CODELLA"; for all goods (5). By Moore Medicinal Products, Ltd., 7 Bon Accord Square, Aberdeen. 619,716.

## PURCHASE TAX NOTICES

THE following Public Notices have been issued by H.M. Customs and Excise. Copies may be obtained from the Secretary, Customs and Excise, City Gate House, Finsbury Square, E.C.2.

(a) *A new Public Notice No. 77A*. This amends Public Notice No. 77 (General explanatory notice) and is printed as a series of slips for insertion in the main notice.

(b) *Public Notice No. 78 (Liability)*. This supersedes the September 1941 edition; the relevant supplementary notes contained in the March 1942 supplement, Notice No. 81 (April 1942); and all additions and amendments thereto published up to September 15, 1942.

(c) *Public Notice No. 78B (Drugs and Medicines)*. This is a revision of the existing Notice No. 78B (incorporating the relative notes in the March 1942 supplement to Notice 78) and also contains notes on Class 19 goods previously dealt with in Notice No. 78.

(d) *A new Public Notice No. 78C (Office Machinery, Stationery and Office Requisites and other Paper Manufactures)*. This contains notes on Class 20 and Class 21 goods previously dealt with in Notice No. 78 and in the notes in the March 1942 supplement.

(e) *A new Public Notice No. 79A (Valuation and Maximum Prices)*. This contains the announcement previously published as a Press Notice on August 15, 1942, No. 82.

In the course of the next few days copies of Notices No. 77A, 78, and 79A will be posted to all traders registered for the purchase tax and copies of Notices No. 78B and 78C to all registered traders who appear to be concerned. As a result of the liability Notices 78, 78B, and 78C, the March 1942 supplement to Notice No. 78 is obsolete except for pages 1 and 2 relating to garments and footwear for young children's wear. Notice No. 78A (Exemption of Young Children's Garments and Footwear) remains in force subject to the modifications published in the March 1942 supplement to Notice 78, pages 1 and 2, and in subsequent Press notices.



## MR. A. E. WARDEN RETIRES

MR. A. E. WARDEN, who has completed fifty years' service with Burroughs Wellcome & Co. (The Wellcome Foundation, Ltd.), will retire from business on October 31. Mr. Warden commenced his long career by entering, in 1886, the office of a city merchant, Charles M. Wither (Textiles), of Old



Mr. A. E. Warden

change, London, and was there for two years. He then joined the staff of Jackson & Wright, solicitors, of Lincoln's Inn Fields, and later became shorthand clerk to Farrow & Nisbett, architects and surveyors, of New Court. Following this experience he became for a short period clerk to the secretary of the Medical Sickness Annuity & Life Assurance Society, Ltd., at Brixton. This appointment brought him into personal contact with the directors, one of whom was the late Dr. Ernest Hart, editor of the "British Medical Journal," who was a much esteemed friend of the late Mr. Silas M. Burroughs. Mr. Warden amplified his education by attendance at evening continuation classes, studying such subjects as shorthand and chemistry. He also attended lectures on scientific subjects at Gresham College and lectures on law at University College, Strand, and Lincoln's Inn Hall. Mr. Warden has frequently served on committees appointed by the Trade Marks Section of the London Chamber of Commerce, and for half-a-century has cared for the industrial property rights of Burroughs Wellcome & Co. at home and abroad. One of his choice memories of the late Mr. S. M. Burroughs is his pronouncement, "Human beings were not intended by their Creator to work all the time," and

of the late Sir-Henry Wellcome, the biblical injunction, "Be wise as serpents and harmless as doves." In early manhood, Mr. Warden found time to act as secretary to All Saints' Working Men's Club and Institute, secretary for London to the Wellcome Club and Institute, conductor, for many years, of the Mitcham Lane Baptist Church Choir, and deputy-conductor of the West Streatham Choral Society. He is a freeman of the City of London and became a member of the Guild of Freemen many years ago. He leaves many old friends, some of whom have retired, while others have found other spheres of influence in professional or commercial life. Mr. Warden has vivid recollections of interesting business visits to Berlin, Brussels and Liège; of high court cases for suppression of infringements of his firm's rights, in London, Milan and New York; of criminal and police-court cases in connexion with "long firm" and "forged order" frauds; and of many suppressions of encroachments on trading rights at home and abroad. He has contributed from time to time to the *C. & D.* on home and foreign trade-mark legislation and other subjects. A metaphysical effort from his pen was published in the *C. & D.*; December 31, 1921, under the title "Life Tableaueed." Mr. Warden is happily married, as are also his two daughters and three sons. His sons are in the Ministry of Food, Air Ministry, and the R.A.F. respectively. Mr. Warden's present home address is Sunnybank, 5 Lytton Gardens, Wallington, Surrey.

### INDUSTRIAL HEALTH RESEARCH BOARD—

The terms of reference of the Industrial Health Research Board have recently been modified by the Medical Research Council to the following: To advise and assist the Medical Research Council in promoting scientific investigations into problems of health among workers, including occupational and environmental factors in the causation of ill-health and disease, and the relation of methods and conditions of work to the functions and efficiency of body and mind; and in making known such results of these researches as are capable of application to practical needs." The Board consists of thirteen members under the chairmanship of Earl De La Warr, with Professor A. W. M. Ellis in attendance and Dr. R. S. F. Schilling seconded as secretary by the Ministry of Labour.

## TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency.

### 28 Essex Street, W.C.2, September 23

THERE appears to be little hope of any notable improvement in the London drug and chemical markets for some time. One of the principal reasons for the continued slackness in business is the paucity of supplies of many items, but even in cases where stocks are reasonably ample trade continues slow. Prices are generally steady, with few notable fluctuations. Little of interest has occurred during the week in PHARMACEUTICAL CHEMICALS. Routine sales are being made to regular customers, but the quantities involved in these transactions are not large. GALLIC ACID is firm in view of the raw material position.

### Crude Drugs

Steady conditions obtain in these markets and, though business is quiet, dealers are finding plenty of work to do. Dealings in AGAR are now at a standstill following the official instruction, mentioned last week, not to dispose of or use stocks without permission. A parcel of Curaçao ALOES is reported on the way. Prices of all varieties of BALSAMS are maintained. Small business continues in natural CAMPHOR. CARDAMOMS is firmer at origin. Plenty of inquiry has been received for CASCARA SAGRADA, but no supplies of peel are available to meet the demand. Mombasa CHILLIES is lower on spot. ERGOT remains quiet. Prices of GINGER have not yet been officially fixed. IPECACUANHA remains firm and in good demand. The cheaper parcels of lower-grade RHUBARB appear to have been cleared. SARSAPARILLA is wanted, but supplies are short. Good supplies of SENNA are available. SHELLAC is neglected. TURMERIC is steady at the lower level noted last week. Further importations of Indian VALERIAN ROOT are unlikely.

### Essential Oils

Only one price change of importance has occurred in this section during the week—a reduction of 1s. per lb. in the price of English-distilled CLOVE. EUGENOL and ISOEUGENOL are consequently lower. ANISE (STAR) remains extremely difficult to find on spot, but odd packages turn up from time to time. CAJUPUT is firmly held at the prices quoted last week. EUCALYPTUS

remains in short supply, but prices are without quotable change. Spot stocks of PATCHOULI are in small compass. Some business is reported in Chinese PEPPERMINT at the price recently quoted, but some holders appear to want higher prices.

### Exchange Rates on London

The principal Bank of England fixed rates are: New York, 4.03 dollars; Montreal, 4.44 dollars; Netherlands West Indies, 7.60 florins; Buenos Aires, 17.02 paper pesos; Lisbon, 100 escudos; Stockholm, 16.90 kroner; Zurich, 17.35 francs. The Madrid peseta is at 40.5 to the £1, and the value of the Chinese National dollar is unchanged at 3½d.

### Pharmaceutical Chemicals

ACETANILIDE.—B.P.C. crystals and powder in moderate supply, from 2s. 5d. to 2s. 6d. per lb.

ATROPINE.—Details of makers' prices for ALKALOID and SULPHATE, together with package charges, were given last week (p. 304).

BENZOIC ACID.—Prices remain in the region of 2s. 6d. to 3s. per lb., according to quantity.

BISMUTH SALTS.—Makers' prices for the two leading salts are as follows: CARBONATE.—Under 4 lb., 11s. 3d. per lb.; 4 lb.—8 lb., 10s. 9d.; 8 lb.—28 lb., 10s.; 28 lb.—1 cwt., 8s. 7d.; not less than 1 cwt., 8s. 4d. SUBNITRATE.—Under 4 lb., 9s. 11d.; 4 lb.—8 lb., 9s. 5d.; 8 lb.—28 lb., 8s. 8d.; 28 lb.—1 cwt., 7s. 6d.; not less than 1 cwt., 7s. 3d.

BROMIDES.—One-cwt. lots of POTASSIUM are quoted by makers as follows (packing in brackets): 3s. 0½d. (1 lb.); 2s. 10½d. (4 lb.); 2s. 10½d. (7 lb.); 2s. 10d. (14 lb.); 2s. 9½d. (28 lb.). Prices of SODIUM, one penny per lb. extra, and AMMONIUM, threepence per lb. extra.

COCAINE.—British makers' current wholesale prices are as follows: HYDROCHLORIDE and NITRATE, 25 oz. and over, 35s. 8d.; 16 oz. and less than 25 oz., 36s. 10d.; over 8 oz. and less than 16 oz., 38s. per oz. ALKALOID, CITRATE, and SALICYLATE, 25 oz. and over, 39s. 1d.; 16 oz. and less than 25 oz., 40s. 4d.; over 8 oz. and less than 16 oz., 41s. 7d. per oz., 16-oz. packages free, smaller packing extra. The scale of prices applicable to distributors of smaller quantities is as follows: HYDROCHLORIDE and NITRATE, 8 oz., 40s.; 4 oz. and less than 7 oz., 40s. 7d.; 2 oz. and less than 4 oz., 41s. 6d.; 1 oz. and less than 2 oz., 42s. 7d.; ½ oz. and less than 1 oz., 44s. 2d.; ¼ oz. and less than ½ oz., 47s. 3d. per oz. ALKALOID, CITRATE and SALICYLATE, 8 oz., 43s. 5d.; 4 oz., and less than 8 oz., 44s.; 2 oz. and less than 4 oz., 44s. 11d.;



oz. and less than 2 oz., 46s. 2d.;  $\frac{1}{2}$  oz. and less than 1 oz., 47s. 9d.;  $\frac{1}{4}$  oz. and less than  $\frac{1}{2}$  oz., 48s. 10d. per oz., packages extra. Re-sale: sales are subject to buyer's undertaking not to re-sell any quantity below scale current at time of re-sale. Export prices vary according to destination.

**CODEINE.**—Current price of ALKALOID, in 1-oz. quantities, is 38s. 3d. per oz. **PHOSPHATE**, 1s. 3d.

**GALLIC ACID.**—Very firm, in view of raw material position. Price from 7s. to 7s. 3d. per lb., according to quantity.

**GLYCERIN.**—Prices of small quantities are as follows: 1-cwt. drum, 86s. per cwt.; 56-lb. tin, 94s.; 28-lb. tin, 97s.; 14-lb. tin, 100s. per cwt. Subject to discount of  $2\frac{1}{2}$  per cent. twenty-eight days.

**GUAIACOLS.**—Moderate supplies of CRYSTALS and CARBONATE are stated to be available at from 13s. to 14s. per lb., according to quantity.

**HEXAMINE.**—Free-running crystals, in cwt. lots, about 2s. 3d. per lb.; fine crystals, about 1s. 11d. per lb.

**IODINE PREPARATIONS.**—Makers' prices are as follows: POTASSIUM, B.P., 112 lb., 9s.; 28 lb., 6s. 6d.; 14 lb., 10s.; 7 lb., 11s. 6d.; 4 lb., 12s.; smaller quantities, 12s. 6d. **SODIUM**, B.P., 28 lb., 9s. 11d.; 14 lb., 10s. 5d.; 7 lb., 12s. 2d.; 4 lb., 12s. 10d.; smaller quantities, 13s. 8d. **ODOFORM**, B.P. (powder), 28 lb., 12s. 6d.; 14 lb., 13s.; 7 lb., 15s. 2d.; 4 lb., 16s.; smaller quantities, 16s. 10d.; (cryst.) 28 lb., 14s. 6d.; 14 lb., 15s.; 7 lb., 17s. 2d.; 4 lb., 18s.; smaller quantities, 18s. 10d. **IODINE RESUBLIMED**, B.P., 12 lb., 10s. 4d.; 28 lb., 10s. 10d.; 14 lb., 11s. 4d.; 7 lb., 13s. 1d.; 4 lb., 13s. 9d.; smaller quantities, 14s. 6d. All prices net. Any quantity delivered carriage paid throughout Great Britain.

**MERCURIALS.**—Details of maximum prices for quantities up to two cwt., contained in the Control of Mercury (No. 10) Order, 1942, were given last week (p. 305).

**MERCURY IODIDES.**—Prices are steady as follows: RED, less than 7 lb., 20s. 8d. per lb.; not less than 7 lb., 20s. 2d.; not less than 14 lb., 19s. 8d. GREEN, less than 7 lb., 26s. 8d. per lb.; not less than 7 lb., 26s. 2d.; not less than 14 lb., 25s. 8d. YELLOW, less than 7 lb., 28s. 1d.; not less than 7 lb., 27s. 7d.; not less than 14 lb., 27s. 1d. per lb. net, carriage paid.

**METHYL SALICYLATE.**—Makers' prices are unchanged: Five cwt., 1s. 11d. per lb.; one cwt., 1s. 11 $\frac{1}{2}$ d.; smaller lots, in bottles, 2s. 1 $\frac{1}{2}$ d. per lb.

**POTASSIUM PERMANGANATE.**—The following are makers' current prices: B.P., in 1-cwt. drums—From 1 cwt., 1s. 10d. per lb.; from 3 cwt., 1s. 9 $\frac{1}{2}$ d. Technical, in 1-cwt. drums—From 1 cwt., 170s. 6d. per cwt.; from 3 cwt., 166s.; from 5 cwt., 163s. 6d.; from 1 ton, 161s.; from 4 tons, 158s. 6d. Technical, in 5-cwt. drums—From 5 cwt., 161s. per cwt.; from 1 ton, 158s. 6d.; from 4 tons, 156s. 3d. Net, delivered nearest railway station in Great Britain, drums extra and returnable.

**SANTONIN.**—Home-trade prices are unchanged: 15 kilos and over, £46 10s.; not less than 10 kilos, £47 5s.; not less than 5 kilos, £48 5s.; less than 5 kilos, £50 per kilo, delivered free in the United Kingdom; 1-kilo packages free.

**SODIUM SALICYLATE.**—Makers' prices for one cwt. lots are as follows (containers in brackets): 2s. 6d. (1 lb.); 2s. 4 $\frac{1}{2}$ d. (4 lb.); 2s. 3 $\frac{1}{2}$ d. (7 lb.); 2s. 3 $\frac{1}{2}$ d. (14 lb.); 2s. 3d. (28 lb.).

**STRYCHNINE SALTS.**—As noted recently British makers' prices per oz. for home trade have been increased by 6d. Current prices are as follows:—

Compound	Under 100 oz.	100 oz. and under 500 oz.	500 oz. and over
Alkaloid, crystalline ..	s. d. 3 6	s. d. 3 4 $\frac{1}{2}$	s. d. 3 3
Alkaloid, precipitated	3 6	3 4 $\frac{1}{2}$	3 3
Acetate ..	3 8 $\frac{1}{2}$	3 7	3 5 $\frac{1}{2}$
Arsenate ..	3 7	3 5 $\frac{1}{2}$	3 4
Arsenite ..	3 8 $\frac{1}{2}$	3 7	3 5 $\frac{1}{2}$
Bisulphate ..	2 10 $\frac{1}{2}$	2 9	2 7 $\frac{1}{2}$
Hydrochloride ..	3 3 $\frac{1}{2}$	3 2	3 0 $\frac{1}{2}$
Hypophosphite ..	6 0	5 10 $\frac{1}{2}$	5 9
Nitrate, crystalline ..	3 3 $\frac{1}{2}$	3 2	3 0 $\frac{1}{2}$
Nitrate, powder ..	3 3 $\frac{1}{2}$	3 2	3 0 $\frac{1}{2}$
Nitrate, powder, No. 2	2 9	2 7 $\frac{1}{2}$	2 6
Phosphate ..	4 1 $\frac{1}{2}$	4 0	3 10 $\frac{1}{2}$
Sulphate, neutral, crystalline ..	3 0	2 10 $\frac{1}{2}$	2 9
Sulphate, neutral, powder ..	3 0	2 10 $\frac{1}{2}$	2 9
Sulphate, neutral, powder No. 2 ..	2 7	2 5 $\frac{1}{2}$	2 4

25-oz. containers and outer cases free; smaller packages extra. Contracts may be booked for quantities of 100 oz. and over, with rise-and-fall clause, for a period of six months. Terms net thirty days. Wholesale distributors' prices for small quantities would be dearer.

**TANNIC ACID.**—Current value would be in the region of 7s. 6d. per lb., but supplies are restricted.

**VANILLIN.**—Makers' prices for material made from clove oil or guaiacol are as follows: Five cwt., 22s. 6d. per lb.; one cwt., 22s. 9d.; 56 lb., 23s.; less than 56 lb., 23s. 3d., carriage paid in U.K. Tins in cases returnable.

## Crude Drugs

**AGAR.**—In view of the official embargo on the disposal or use of stocks, noted last week, trade in this item is at a standstill.

**ALOES.**—Without quotable change on the week. Cape, spot, 65s. to 67s. 6d. per cwt. Curaçao, shipment, 450s. per cwt., c.i.f.; a parcel is reported on the way.

**ANTIMONY.**—No changes in price or supply position. English minimum 99 per cent. regulus, £120 per ton, delivered; 70 per cent. crude, £100 per ton, delivered.

**BALSAMS.**—Spot price of *Tolu* is maintained at 9s. 6d. per lb.; *Peru* is firm at fully 8s. per lb.; *Canada* is at 8s. 6d. per lb.

**BELLADONNA.**—Indian root, spot, 460s. per cwt.; leaves are unobtainable.

**BENZON.**—Selling slowly on spot at prices ranging from £16 to £20 per cwt. for ordinary grade, according to seller. Free almondy, on spot, in small supply at from £33 to £35 per cwt.

**BISMUTH METAL.**—High-grade metal continues to be quoted at 6s. 3d. per lb. for minimum 5-cwt. lots.

**BUCHU.**—Limited supplies of fair green rounds are firmly held on spot for 6s. 3d. per lb.

**CALUMBA.**—Spot offers of middling washed root range from 185s. to 190s. per cwt.

**CAMPHOR.**—Small business passing in the natural grades at last-mentioned prices: Chinese, powder, B.P., 11s. 6d. per lb.; crude (92 per cent.), 10s. per lb.; Japanese slabs, 11s. 6d. to 12s. per lb., all duty paid. Limited supplies of English synthetic B.P. are understood to be available to approved buyers at about 7s. 6d. per lb.

**CARDAMOMS.**—Firmer at origin; spot business quiet. Current prices are as follows: Aleppy greens, spot, 5s. 3d. per lb.; shipment, 4s. to 4s. 3d. per lb., c.i.f. Aleppy seed, spot, 5s. 9d. per lb.; shipment, 5s. to 5s. 3d. per lb., c.i.f. Split seed, spot, 4s. 6d. per lb.

**CASCARA SAGRADA.**—Considerable inquiry but no bark available. Material imported under the Lease-Lend arrangement is understood to have been distributed.

**CHILLIES.**—Mombasa quoted rather lower on spot at 145s. per cwt.

**CLOVES.**—Sellers of Zanzibar on spot at 1s. 7d. per lb.; grade 2, afloat, 1s. 4d., sellers. No quotations for Madagascar.

**COCOA BUTTER.**—Maximum price unchanged at 1s. 5½d. per lb., ex factory or warehouse, except when sold under Ministry of Food licence.

**COCONUT (DESICCATED).**—Maximum official price remains at 49s. per cwt.

**COLCHICUM.**—Spot supplies of Indian corms are available at from 2s. 9d. to 3s. per lb., according to quantity and seller.

**DANDELION ROOT.**—Available supplies are restricted. Spot, 140s. per cwt. Replenishments are not likely to come forward.

**DIGITALIS LEAVES.**—Portuguese leaves of good-test are available on spot at 125s. per cwt.

**DRAGON'S BLOOD.**—Spot supplies of re-boiled are practically non-existent. It may be possible, however, to obtain some dull Zanzibar drops at £20 to £22 per cwt., and seedy lumps at £30 per cwt.

**ERGOT.**—Quiet. Portuguese, spot, 6s. to 6s. 3d. per lb.; shipment, 5s. 9d. per lb., c.i.f.

**GALANGAL.**—No change in spot price of 90s. to 95s. per cwt., according to quantity and seller.

**GINGER.**—Prices have not yet been fixed by the Ministry of Food. Cochin is reported available at 215s. per cwt., spot, and some Calicut at 230s.

**GRAINS OF PARADISE.**—Small sales at occasionally made at 1s. 10d. per lb. on spot.

**GUM ACACIA.**—Kordofan cleaned sorts, spot 110s. per cwt.; afloat, 95s., landed terms shipment, 65s. per cwt., c.i.f. Consuming manufacturers can still obtain a moderate quantity of bleached gum at 145s., ex warehouse London.

**HONEY.**—For particulars of current price schedule for first-hand and wholesale transactions, see *C. & D.*, May 9, p. 527.

**HYDRASTIS.**—Imported under the Lease-Lend arrangement and sold to users at 22s. 6d. per lb., ex store, with an additional small charge for repacking.

**IPECACUANHA.**—Better demand is noted mainly from dealers; prices are firm. Minas spot, B.P. grade, 13s. to 13s. 3d. per lb., according to holder; not quite B.P., 12s. 6d. to 12s. 9d. Matto Grosso, spot varies according to seller from 18s. 6d. to 19s. per lb. Current price for EXT. IPECAC. 110s. were given last week (p. 306).

**JABORANDI.**—Spot, steady at 60s. per cwt. ex store.

**JALAP.**—Brazilian, 13 per cent., is offered on spot at 95s. per cwt.

**KAMALA.**—Spot price of 6 per cent. is 2s. to 2s. 3d. per lb., according to seller.

**LIQUORICE ROOT.**—East Indian, spot, 70s. per cwt., ex warehouse Hull. Ministry of Supply price for Russian root is £60 per ton.

**MENTHOL.**—Chinese, in fair demand, 72s. 6d. to 75s. per lb. on spot, according to seller. Japanese, if available, would fetch 75s. per lb.

**MERCURY.**—Full particulars of current official prices, which range from £68 10s. to £69 15s. per bottle for quantities over 7 lb., were given in the *C. & D.*, August 1, p. 131.

**MYRRH.**—Not much here. Some Aden sorts on spot is available at £18 per cwt.

**NUX VOMICA.**—Routine spot business continues in washed and garbled Cochin at 45s. per cwt.

**OLIBANUM.**—Medium pea size can be had on spot at 150s. per cwt.

**ORANGE PEEL.**—Spot stocks are meagre, and 3s. 3d. per lb. would be required for thin-cut and quarters.

**PAPAIN.**—Spot, nominal at 16s. per lb.

**PEPPERS.**—Maximum official price of whole white Muntok, not picked over or cleaned, is 8d. per lb. in bond; whole black Lampong, in a similar condition, is 5d. per lb. in bond.

**PIMENTO.**—Spot, 2s. 7d. per lb., sellers; shipment unquoted.

**PODOPHYLLUM.**—*Emodi*, 15 per cent., available on spot at 82s. 6d. per cwt.

**PSYLLIUM SEED.**—Dealers continue to offer Indian seed at 1s. 3d. per lb., ex store.

**PYRETHRUM.**—Any small supplies of Kenya flowers on spot would be worth 2s. per lb.

**QUILLAIA BARK.**—Spot, natural bark, 100s. to 110s. per cwt.; crushed or cut, 125s. per cwt.



**RHUBARB.**—Spot business is rather slow. Good-quality rough-round, spot, 7s. 6d. to 8s. 9d. per lb.; lower grades, 7s. 3d., the cheaper parcels being cleared. Shensi, spot, 6s. 6d. to 10s. per lb.

**SAPONIN.**—May be bought ex warehouse Liverpool at 7s. 6d. per lb.; shipment, 6s. 6d. per lb., c.i.f.

**SARSAPARILLA.**—Spot supplies of native reddish are diminished. Any remaining lots would fetch 3s. 2d. per lb.

**SEEDS.**—Business quiet; quotations without notable change. **ANISEED.**—No supplies are available, but replenishments are expected.

**CANARY.**—None available. **CARAWAY.**—No supplies are available. **CORIANDER.**—Indian, spot, none available at present; English, quoted at 20s. **CUMIN.**—Malta, 165s., duty free; Indian, 65s. **DILL.**—Spot, quoted at 170s. **FENNEL.**—Indian, business done on spot at 105s., duty free. **FENUGREEK.**—Nothing available. **MUSTARD.**—English, 140s. to 150s. per cwt., according to quality.

**SENEGA.**—Any remaining parcels would fetch 5s. 6d. to 7s. 9d. per lb. on spot.

**SENNA.**—Market amply supplied; spot prices unchanged: Pods: Tinnevely, good hand-picked, 11d. to 1s. 2d. per lb.; ordinary grade, 10d. to 11d.; f.a.q., 6d. to 7½d.; Alexandrian, fair, 3s. 6d. per lb. Leaves: Tinnevely: No. 1, 1d. to 10d. per lb.; No. 2, 7d. to 7½d.; No. 3, ½d. to 6d.; Alexandrian, broken, 1s. 3d. to 2s. 4d. per lb.

**SHELLAC.**—Trading is practically at a standstill. Prices are as follows: Standard TN range, spot, 200s. per cwt., value; pure button, quoted; fine orange, 240s. to 290s. quoted.

**SLIPPERY ELM BARK.**—Price to users of Lease-end material is 1s. 6d. per lb., ex store. It is understood that most of this bark has been distributed.

**SQUILL.**—Indian, dried and cut, spot, 80s. per cwt. No red obtainable.

**STRAMONIUM LEAVES.**—Supplies are not plentiful. Indian, spot, 105s. per cwt., ex store.

**STROPHANTHUS.**—Occasional spot sales of 90 per cent. Kombé seed at 10s. 6d. to 11s. per lb., according to quantity. 80 per cent. seed would be cheaper.

**TRAGACANTH.**—Demand has been fair, but prices are unchanged: No. 1, white, £137; No. 2, white, £120; No. 3, white, £107; No. 4, white, £92; pale leaf, £80; amber leaf, £70; red and brown leaf, £47; red leaf, from £42; woody and huggy, from £18, ex store.

**TURMERIC.**—Sound-quality Madras finger on the spot, steady at the lower price of 67s. 6d. per cwt. quoted last week; wormy, 65s.; ground, 95s.

**VALERIAN ROOT.**—Indian, spot, 100s. to 105s. per cwt., according to quantity. Further importations are unlikely.

**WAXES.**—Quiet; values unchanged. **BEE'S.**—Unquoted. **CARNAUBA.**—Fatty grey, 510s. per cwt.; chalky grey, 500s.; Primeira, 585s.

## Essential and Expressed Oils

**ANISE (STAR).**—It remains extremely difficult to find spot supplies of genuine Red Ship, though odd packages turn up from time to time. Prices are 54s. per lb. for drums, and 54s. to 55s. for tins in cases.

**BAV.**—Small quantities available on spot at between 12s. and 13s. per lb.

**BERGAMOT.**—The basic value of any genuine oil would be in the region of 100s. per lb., but business, owing to restricted supplies, would be a matter of negotiation.

**BOIS DE ROSE.**—Spot value remains in the region of 35s. per lb.

**CADE.**—Available at about 7s. 6d. per lb.

**CAJUPUT.**—Spot, firm at from 15s. to 16s. per lb., according to quantity.

**CAMPHOR (WHITE).**—It may be possible to find odd drums on spot at between 500s. and 550s. per cwt., duty paid.

**CANANGA.**—In restricted supply on spot at around 60s. to 70s. per lb.

**CEDARWOOD.**—Nominal at 6s. 6d. per lb.

**CINNAMON LEAF.**—About 15s. per lb. would be the spot value of any available supplies.

**CITRONELLA.**—Ceylon, spot, 17s. to 18s. per lb.; Java, 24s. per lb.

**CLOVE.**—English distillers' prices are about 1s. lower at 14s. to 14s. 6d. per lb., according to quality and seller. **EUGENOL** and **ISOEUGENOL.**—Lower at 22s. 6d. and 27s. 6d. per lb., respectively.

**EUCALYPTUS.**—Supplies remain severely restricted. Spot, from 5s. 3d. per lb.

**FENNEL.**—Sweet oil on spot would fetch about 35s. per lb.

**GERANIUM.**—About 80s. per lb. would be the basic price of any available supplies, but business would have to be negotiated.

**GINGERGRASS.**—Available on spot at about 25s. per lb.

**PALMAROSA.**—Spot, about 35s. per lb., but supplies are in small compass.

**PATCHOULI.**—Spot, nominal at 70s. per lb.

**PENNYROYAL.**—About 35s. per lb. would be the value of good-quality oil on spot.

**PEPPERMINT.**—Considerable difficulty is being experienced in locating supplies, but some business in Chinese is reported passing on spot at 85s. per lb. Some holders of both Chinese and Japanese oil appear to want as high as 87s. 6d.

**PETITGRAIN.**—Any available spot supplies would be worth about 24s. to 25s. per lb.

**ROSEMARY.**—Approximately 16s. per lb. would be the present spot value.

**SPIKE.**—Spot quotation would be in the region of 25s. per lb.

**THYME.**—High-quality oil would be worth around 25s. per lb.; other grades would be cheaper.

## CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

### An Empire Appreciation

SIR,—It is difficult for me to say when I first saw the covers of your journal, for I was born in a chemist's shop, or perhaps it would be more correct to say in the house which formed part of the building, at a little mining town in South Australia—Kadina—and for so many years the style has been so familiar. At the age of sixteen I began to read it and have done so ever since, except when travelling in other parts of the world, and what I owe to it I cannot estimate, but I can say this truthfully, that any success in business that I have achieved has been very largely due to the careful reading of it week by week. Now THE CHEMIST AND DRUGGIST comes in a new dress—a drastic change—which I think may prove popular, as the smaller size lends itself to carrying in one's pocket.

Yours sincerely,

G. F. BIRKS,

Managing Director,

Sydney.

Potter & Birks Pty., Ltd.

### A Stroke of Luck

SIR,—An incident occurred in my dispensary the other day which even now I find hard to believe, although I witnessed it. I pass it on, in order that some other pharmacist may avoid the disaster which I so narrowly averted. On the floor of the display window adjoining the dispensary stands a five-gallon carboy filled with a solution of potassium dichromate. Behind the carboy my assistant had built up a pyramid with boxes of Kotex. Glancing up from a prescription which I was dispensing, I was amazed to see smoke pouring out of one of the lower boxes in the pyramid. I rubbed my eyes and stared again, to see the box burst into flames. To extinguish these was the work of a moment, and in so doing the reason for the phenomenon became apparent. The afternoon sun, pouring into the window, passed through the lower part of the carboy. The two curving glass walls of the carboy, although separated by two feet of potassium dichromate solution, acted as a convex lens and focused the light to a pin point on one packet. Through this packet a neat hole had been drilled by the burning ray. I have heard of a heath fire caused by the sun's rays passing through a broken bottle. Has

anyone ever heard of a pharmacy set on fire by a carboy? This window show has been in position for a week, including a half closing day and a Sunday, both of which were hot and sunny. Yes, I think I was definitely lucky.

Yours faithfully,

Salford, 6.

S. HUBERT BLORE.

[The "hot and sunny weather" at Manchester adds interest to this incident.—EDITOR.]

## MISCELLANEOUS INQUIRIES

**Beetle Poisons.**—*Beetles.*—These insects are not killed by pyrethrum, but if it is sprinkled near their holes and over the floors last thing at night, it intoxicates them and they can be swept up in the morning. Ferrous arsenate and cupreo-aceto-arsenite are deadly beetle poisons, but their use is attended with too much danger. The following are useful formulae for beetle powders:—

I			
Barium carbonate	..	..	equal parts
Sugar	..	..	

II			
Barium carbonate	..	..	10 parts
Borax	..	..	20 parts
Sugar	..	..	5 parts

III			
Sodium fluoride	..	..	10 parts
Kaolin	..	..	10 parts

IV			
Red lead	..	..	1 part
Sugar	..	..	1 part
Flour	..	..	1 part

**Derris Cream.**—*H. T. C.*—This preparation has been advocated for use against head lice. It is a solution of derris extract (7 per cent.) in castor oil emulsified to contain 1 per cent. of rotenone. The amount of the cream required for a head is 0.5 to 2 dr.; the lowest dose sufficing for a child with short hair, the highest for a woman with long thick hair. In applying the cream the hair should be parted and the cream put on the scalp with a teaspoon or pipette. This is done in eight spots, four on each side, and the material distributed by massaging with the fingers. The patient is instructed not to wash the head for ten days. The cream can be perfumed by the addition of 2 per cent. of citronella or bay oil, or similar essential oil used in perfumery.

**T.N.T.**—Today, Not Tomorrow! Collect every ounce of waste paper for salvage. Use old paper for packing and wrapping again and again until it really is waste paper.



# The greater the need - the lower the price!

In view of the increasing necessity of implementing war-time diets with Vitamin B<sub>1</sub> to ensure balanced intake, we are glad to announce, as from October 1st, 1942, FURTHER REDUCTIONS in the prices of 'BETAXAN,' as shown.

TRADE **'Betaxan'** MARK  
BRAND OF  
**VITAMIN**  
**B<sub>1</sub>**

(ANEURIN HYDROCHLORIDE)

Tablets	1 mg.	3 mg.	
20's	2/-	3/-	Exempt from Purchase Tax
100's	8/-	12/-	
500's	36/-	54/-	

Ampoules	5 mg.	25 mg.	
3 x 1 c.c.	3/3	8/-	Purchase Tax extra
15 x 1 c.c.	15/-	33/9	
50 x 1 c.c.	45/-	105/-	

**Solution**, in bot. of 10 c.c. (250 mg.) 21/6 (P.T. extra)

**Elixir**, in bot. of 8 oz. - - 4/3 " "  
" " " " 80 oz. - - 38/6 " "

Subject to 33 $\frac{1}{3}$ % discount

Prices do not apply to Eire

**MADE IN ENGLAND**

Note: 'Betaxan' tablets may be prescribed for N.H.I. in necessitous cases.



BAYER PRODUCTS LTD • AFRICA HOUSE • KINGSWAY • LONDON • WC2

# PROMULSIN WAX

## *in Pharmaceuticals and Cosmetics*

This new synthetic wax has been evolved in our laboratories in response to numerous requests from users of PROMULSIN emulsifying agents.\* Manufacturers of cosmetics and pharmaceutical products will find that PROMULSIN WAX will help them solve many problems connected with emulsification—par-

ticularly concerning creams of the water-in-oil type. Its field of application is wide and it lends itself to incorporation into toilet and medicinal creams, lotions, ointments, benzyl benzoate emulsions, etc. Available in two varieties—Yellowish-white, for emulsions of low oil content; Yellow, for those of high oil content.

\* Also available, PROMULSIN powder, flakes and liquid.

*Samples and technical data on request*



### WATFORD CHEMICAL CO. LTD.

*London Sales Office*

50 South Audley Street, Grosvenor Square, W.1

Telephone: Grosvenor 1016

*We solicit enquiries from Wholesale Consumers for:*

CAPE ALOES	LIQUORICE
BALSAM PERU	ROOT
BALSAM TOLU	MENTHOL
BUCHU LEAVES	PODOPHYLLUM
CARDAMOMS	ROOT
CROTON OIL	QUILLAYA BARK
DIGITALIS LEAVES	RHUBARB
ERGOT OF RYE	SAPONINE
GALANGAL ROOT	SENEGA ROOT
GUM ARABIC	SENNA LEAVES
HENBANE LEAVES	SENNA PODS
IPECACUANHA	TURMERIC
JALAP	GROUND
KAMALA	VALERIAN ROOT

## V. BERG & SONS

*Established 1871*

33 & 35 EASTCHEAP, LONDON, E.C.3

**Gum Karaya White Powder**, minimum lots 1 cwt., at 4s. per lb.; also **Essences, Essential Oils, Edible Colours and Flavours, Perfumery Compounds, "Economic,"** a substitute for Glycerine, sweetened and unsweetened. Please send inquiries for chemicals and other raw materials to

**ECONOMIC UTILITIES LIMITED**

**Westcombe House**

**56/58 Whitcomb Street, W.C.2**

ABBEY 3873/4

## L. LIGHT & Co. Ltd.

**Old Bowry Laboratories  
WRAYSBURY, BUCKS**

**VITIMINE D<sub>2</sub>**

*(Calciferol)*

M.P. 116°-117°C.

Rotation 102.5°

1 mgm. = 40,000 I.U.

D<sub>2</sub>

D<sub>2</sub>

**PURE SYNTHETIC DRUGS**





REGD. TRADE MARK

# SULPHANILAMIDE B.P.

Made by  
**THE GEIGY PHARMACEUTICAL Co. Ltd.**  
National Buildings, Parsonage,  
MANCHESTER, 3.

TEL.: CANONBURY 3401

## BUCKLEY BOWKER TABLET CO. LTD. PARKFIELD STREET, LONDON, N.1

### COMPRESSED TABLETS EVERY KIND (BULK or PACKED)

PRIVATE FORMULAS COMPOUNDED BY EXPERTS (*Strictest Secrecy Guaranteed*)

We have specialised for many years in— **CONTRACEPTIVES** (Special Formulas), TABLETS and JELLIES

## BURNSIDE'S EUCALYPTUS OILS

Distilled in Australia by the largest distillers and refiners of Eucalyptus Oils in the world—W. K. BURNSIDE, PTY., LTD., MELBOURNE, AUSTRALIA.

80/85% B.P.  
Oil Euc. Dives 40/45%  
Oil Euc. Citriodora

70/75% B.P.  
Piperitone 90/95%  
Oil Euc. Phellandra

..... Phellandrene  
UNIFORMITY OF QUALITY . . . . . CONSISTENCY OF ODOUR

**Agents for U.K.: WILSON & MANSFIELD LTD. 15 Philpot Lane, London, E.C.3**  
'Phone: MANSION HOUSE 9264-5-6 (WHOLESALE ONLY) 'Grams: WYFIELD, LONDON

*In these trying times —*



### INDICATIONS

General fatigue and debility,  
hypertension, infective condi-  
tions, night blindness.

### PACKINGS AND PRICES

80 tablets .. .. .	3/4½
250 tablets .. .. .	9/6
1000 tablets .. .. .	30/7½

(Including Purchase Tax) P.A.T.A. List

**CAROVIT**  
CHLOROPHYLL BRAND TABLETS

CONTINENTAL LABORATORIES LTD BRUNEL ROAD LONDON W.3

### VEGETABLE POWDERS

### VERMOUTH HERBS

for Export

### CULINARY HERBS

Packets & Bulk



HERBAL  
SMOKING  
MIXTURE  
Bulk Quantity

**R. BROOKS & CO.**

(H. LUCAS J. L. H. LUCAS)

27 Maiden Lane

Covent Garden

LONDON, W.C.2

Phone: TEMPLE BAR 9464-2891

## PILLS TABLETS CAPSULES

The  
British  
Made  
Products  
of

**HOWARD LLOYD & CO. LTD**  
**LEICESTER**





# CARNEGIE

MANUFACTURERS  
OF  
FINE CHEMICALS

BARBITONE SOLUBLE · BISMUTH SALTS  
CAFFEINE SALTS · CHRYSAROBIN  
CITRATES · EPHEDRINE  
IODIDES · SANTONIN  
THEOBROMINE SALTS

## CARNEGIE CHEMICALS [WELWYN] LTD

(associated with Carnegie Quinine Works, Ltd.)

TEWIN ROAD  
WELWYN GARDEN CITY  
HERTFORDSHIRE

Phone: Welwyn Garden 506 (4 lines)

Grams: "CARNECHEM, WELWYN GARDEN"

# RHEUMAGIC LINIMENT

**WATCH YOUR STOCKS  
AND BE READY  
TO MEET THE DEMAND**

*Press and Cinema Advertising  
pounds home its message*

**RHEUMAGIC BRAND  
FORMULA OILS ARE  
IN DEMAND**

We are showing powerful little films throughout the country every week and chemists themselves write to tell us of the good results.

Rheumagic is a first class line. **WATCH YOUR STOCKS.** Don't have to tell your customers that you'll get it for them. When people need Rheumagic they want it—**AT ONCE.**



## Rheumagic

Brand

**FORMULA OILS**

**8½d., 1/5d., and 3/4½d. per bottle**  
(including purchase tax)

**INTERNATIONAL LABORATORIES LTD**  
CHARLBURY :: OXFORD

## THE FIRM ATTACHMENT



of the pu  
for  
more  
than  
half  
centu  
to

Keep your Public reminded that you sell Box's Pills. Give them a good show. Display stands free.

# BOX'S PILLS

has made them a star to which the retail chemist is glad to hitch his wagon. They have always been well, and in these difficult days when normal life is disturbed and digestion upset they sell better than ever.

**P.A.T.A. RETAIL PRICES: 1/3, 3/-, 4/10½**  
**12/- and 2/9 (including Purchase Tax)**

Postage extra.

**W. H. BOX, 161 KING STREET, PLYMOUTH**

### We Ship

ACONITE, ALESTONIA BARK, BELLADONNA LEAVES, BELLADONNA ROOT, BERBERIS, ASAFOETIDA, BRYONIA, CALUMBA ROOT, CHIRETTA (Indian Variety, B.P.), COLCHICUM CORMS, DANDELION, DATURA METEL LEAVES, DATURA STRAMONIUM LEAVES, EPHEDRA VULGARIS, GLYCYRRHIZAE, HYOSCAMUS NIGER LEAVES, JUNIPER BERRIES, PODOPHYLLUM, RHUBARB RADIX, INDIAN SQUILLS, VALERIAN ROOT, RED PEPPER FRUIT, ETC., of guaranteed standard quality

ENQUIRIES INVITED

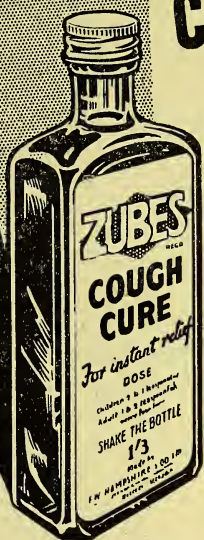
**MEHTA BROTHERS**  
**LAWRENCE ROAD - AMRITSAR - INDIA**

**MANOIDS**  
**NEVROIDS**  
**URICURE TABLETS**  
**OCCASIONAL PILLS**

**THE ACTON PILL & TABLET Co. Ltd.**  
**ASH VALE, SURREY.**  
and all Sundries Houses.



**ADVERTISING WILL BRING  
STEADY SALES for ZUBES  
COUGH CURE again  
this season!**



We are making sure that everybody will know about Zubes Cough Cure by plentiful, nation-wide advertising. The resulting quick sales will mean constant repeat orders for you.

Retailing at **1/3, 1/8 and 2/5**

Made by  
**F. W. HAMPSHIRE & CO. LTD.**

Manufacturing Chemists,  
**SUNNYDALE, DERBY**  
(Makers of the famous ZUBES)

**ZUBES**  
**COUGH CURE**

# GANGWAY!!



Gangway! . . . clear the decks for action . . . now's the time when every effort is needed by retailers and wholesalers in co-operating to keep the Home sales Front going! Abnormal times call for abnormal action, and since the Drug trade constitutes an essential public service, the retailer has a busy time ahead.

Among the complete range of Packed Goods marketed by us are included all the main medicaments necessary for first aid in the home. Public precaution will create a huge demand for these lines, so stock and sell **McCLURE YOUNG'S** packed goods . . . products of unchallengeable dependability . . . reasonably priced, and offering a fair ratio of Profit.

We welcome your inquiries, and will be pleased to send you full details and trade terms of all our famous Packed Goods. Get in touch with us before next re-ordering goods.



OF COURSE!

**McCLURE, YOUNG & CO. LTD.**

MANUFACTURING CHEMISTS

159 BOLLO BRIDGE RD.  
LONDON, W.3

Phones: ACORN 0350/1517/2634



## 'SANATOGEN' and 'GENASPRIN' QUOTAS

In view of the Paper Control Order, we are unable to write and advise you of your quotas of the above lines for October-November-December. These have been fixed, however, and when writing in for them, will you please anticipate your requirements of our other preparations and thus help us to economise on labour and packing materials.

N.W.F. Tablets

Water-Miscible Creams

Medicated Dusting Powders

Fine Chemicals

'GENOPHYLLIN'

'GENOZO' Brand Tooth Paste

Allantoin Preparations

Nicotinic Acid

Ichthammol

'CALOGEN'

'COGENE'

'CYSTOPURIN'

Vaccines

Ephedrine Elixir

etc., etc.

**Genatosan Ltd.**  
LOUGHBOROUGH, LEICS.



# Kalzana

BRAND OF CALCIUM - SODIUM - LACTATE (REGD.)

In order to conserve materials and labour and to ensure the prompt despatch of orders, we are concentrating on the packing of the tin containing 108 tablets, which retails at 5/6 including tax. At present the demand for Kalzana comes mainly from regular users who have proved its merits, and we are sure they will welcome the news that regular supplies can be obtained in this packing. Your wholesalers have adequate stocks.

MANUFACTURED BY  
THERAPEUTIC PRODUCTS LTD.  
PERIVALE · GREENFORD · MIDDLESEX



Sulis—Nature's "pleasant to drink" remedy for all rheumatic and kindred complaints. From deep down in the earth gush the mineral waters of Bath. These are bottled at the Springs, and more people are benefiting by drinking Sulis either still or sparkling.

## SULIS

The BRITISH  
Mineral Water

Prices, discounts and full particulars from

CATER, STOFFELL & FORTT, LTD., The Springs, BATH

### 50 Years' Test—

has proved the value



of



GET YOUR CUSTOMER TO TRY IT!

Retail price (including tax) 1/8

(Wholesale terms 12/- doz. Tax 2/- doz.)

LOFTHOUSE & SALTMER, LIMITED, HULL

# FENNINGS

FAMOUS FOR OVER 80 YEARS

## GOOD DEMAND      GOOD SUPPLY

**FENNINGS' LUNG HEALERS** (being re-named "Little Healers")

For Coughs, Colds, Bronchitis, etc. 1/3 and 3/- glass tubes. Also  
5/- Carton of 10 Packets, retailing at 6d. each.

**FENNINGS' OINTMENT.** Demand Steadily Increasing

For Cuts, Burns, Bruises, Chilblains, and all skin irritations.  
Price 1/3 per tin.

**FENNINGS' WHOOPING COUGH POWDERS**

**FENNINGS' WORM POWDERS**

**FENNINGS' STOMACH STRENGTHENERS**

**FENNINGS' FEVER CURER**

**FENNINGS' RHEUMATIC AND ERYSIPELAS DROPS**

} **PRICES**  
1/3 and 3/-

1/3

*Please address orders and inquiries to your Wholesaler*

**N.B.—FENNINGS' COOLING POWDERS** (Children's and Adults')

at present in short supply, owing to war conditions, but every  
endeavour is being made to execute orders.

**PROPRIETORS: THE TRUSTEES OF ALFRED FENNINGS (DECEASED)**  
**COWES, Isle of Wight**

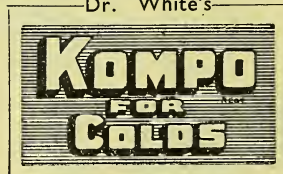
British Made **AMPOULE FILES**  
are now available

We are now in a position to manu-  
facture large quantities of Ampoule  
Files and invite inquiries

**DOMINION STEEL CORPORATION**  
LTD.

"FLEET" WORKS  
QUEEN'S ROAD, SHEFFIELD, 2

Dr. White's



Manufactured only by

**J. F. WHITE & CO., LTD.**

Lovington Laboratory, Benson St., Leeds, 7

# LABELS

**CARILLON PRESS Ltd BOURNEMOUTH**

*Artists in the Production of Fine Labels*

**Specialists in the  
Design & Printing  
of Medical & Toilet  
Labels — Send for  
Free Sample Ranges**



# "The following Communiqué...."

**Here is the latest news respecting some of our products, following our recent announcement that we should keep you posted with up-to-date information.**

## **GORUN**

We learn that some of our friends are of the opinion that Gorun was foreign-made, and therefore no longer obtainable. Let us make the point quite clear. Gorun is British-made — we have ample stocks both of Ampoules and Cachets, and we shall be happy to fulfil your orders. If your medical clients would like details, literature is available.

## **QUOTA GOODS**

L. S. O. (Limitation of Supplies Order) and S. of R. M. (shortage of raw materials) are responsible for small stocks. Nevertheless we have a limited supply available. If you have sent an order you can expect the goods shortly. If not and you have purchased such

lines regularly send us your order. It will have our attention. The quantities may be small but we will allocate to the best advantage.

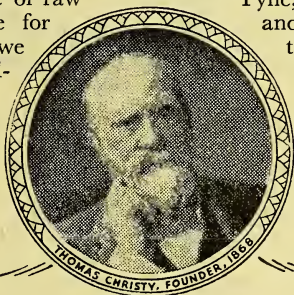
## **ANTI-BI-SAN**

May we reiterate our previous statement that supplies are ample. The season is fast approaching when demand by regular users will again be made. Will you please look to your stocks. The sales of Anti-Bi-San during last season were the highest yet and there is every reason to believe this record will be broken in the coming winter.

## **CAL-MA-VITE**

We have recently been appointed the sole distributors for this excellent "Digestive Nerve Tonic". Our Principals, Messrs. Rayburn & Company, of Newcastle-on-Tyne, are advertising it regularly and intensively. Space has been taken in the National Press. Demand is growing. It will surely reach you before long!

**Very advantageous terms and attractive show material are offered. Your enquiries will be welcomed.**



# *Thos. Christy & Co Ltd.*

OLD SWAN HOUSE, CASTLE STREET,  
FARNHAM, SURREY

# "OXOID"

The word "OXOID" is the trade mark of OXO Ltd., and is used in connection with their therapeutical preparations both in tablet and fluid extract form.

ORGANO-THERAPEUTICAL PRODUCTS

## OXO LABORATORY PREPARATIONS

### "PITOXYLIN" PITUITARY EXTRACT (POSTERIOR LOBE)

Prepared and standardised in accordance with the provisions of the Therapeutic Substances Act. Used for the Induction of Labour; Uterine Inertia; Post Partum Hæmorrhage; Surgical Shock; Diabetes Insipidus.

An approved and long established preparation.

Ampoules: 5, 10 and 20 International Units per c.c.

Glandular Therapy Booklet and "OXOID"  
Price List on request.

**OXO LIMITED, Thames House, London. E.C.4**

OXO LABORATORY PREPARATIONS

# SAMONA

*-makes life  
worth living*

The Wonderful Medical Restorative which brings immediate benefit in all cases of

NERVE STRAIN. DEPRESSION.  
TIRED AND LISTLESS APPEARANCE  
MENTAL AND PHYSICAL EXHAUSTION

Prices 3/5 and 5/7½ (more than double quantity) (Including Purchase Tax)

**SAMONA LTD.**

Northington House, Northington Street, W.C.

**NO SHORTAGE OF SUPPLIES**

**GOOD PROFITS FOR THE CHEMIST**



**STANNING  
PROPRIETARIES**

offer you

**EXCEPTIONAL SERVICE AND  
TERMS**

for all

**SURGICAL DRESSINGS  
CHEMISTS' SUNDRIES**

**PACKED  
PHARMACEUTICALS**

Special attention  
to post orders

We invite  
enquiries for  
any lines you  
may have  
difficulty in  
obtaining

Lowest prices  
Exceptional  
Deliveries

Please note new address:

**STANNING PROPRIETARIES**  
27 OXFORD STREET, HARROGATE, YORKS. (P.O. Box 9)  
Telegrams: STENNING, HARROGATE





Member of the  
Chemists Friend  
Association

# *Announcement*



Member of the  
Chemists Friend  
Association

# “ZEMS”

## HERBAL LICORICE TABLETS

THE BEST MEDICATED TABLET FOR  
COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

*We have now joined Chemists Friend Association*

SUPPLIES MAY BE OBTAINED FROM C.F. WHOLESALE HOUSES

ZEMS, LTD., 718-724 SEVEN SISTERS ROAD, LONDON, N.15

## MOORE MEDICINAL PRODUCTS

LIMITED

MANUFACTURING CHEMISTS  
ABERDEEN and LEEDS



7 Bon-Accord Square, Aberdeen  
September 26, 1942

Dear Mr. Chemist,

### BROVON ASTHMA INHALANT

Two of the principal constituents of BROVON are Methyl-Atropine Nitrate and Adrenaline. These, as you know, are now in extremely short supply. Nevertheless we assure every Chemist that we have had the foresight to lay in large stocks of these essential drugs, sufficient, we hope, to last us for the duration of hostilities.

Very soon we are starting on a national campaign of ethical advertising, so please lay in stocks of BROVON to meet the additional demand that will result from this.

We are gratified to tell you that Doctors, in ever-increasing numbers, are prescribing BROVON, with excellent results.

Always remember that BROVON was the first British product marketed to replace Bronchovyrin, and we are satisfied that it is now actually superior, in therapeutic value, to the German medicament.

We guarantee every Chemist against loss on his initial order for BROVON.

Yours very truly,

MOORE MEDICINAL PRODUCTS LTD.

# The Popular PHOSFERINE PRODUCTS

are on the P.A.T.A. List

EMERGENCY  
PACK No. 2  
3/3d.



The great demand for Phosferine Products has created many problems connected with the manufacture, packing and distribution of these very popular lines. But these difficulties, as they arise, are being overcome.

It will be necessary to introduce emergency packs for Phosferine Tablets, owing to the shortage of glass and the difficulty of obtaining carton board. These new packs, wax paper tubes, are illustrated in the group of Phosferine Products.

EMERGENCY PACK  
No. 1, 1/4d.

PHOSFERINE (ASHTON & PARSONS) LTD., King Georges Avenue, WATFORD • HERTS.

## DIFFICULTIES OF DIET in WAR TIME

have increased the demand for

### PRUNOL PASTILLES

the pleasant and  
effective laxative

Supplies available promptly from all  
Wholesale houses.

Prunol sells at 7d. & 1/5 (including tax)

PRUNOL PROPRIETARY LTD.

Sales Dept., Northington House  
Northington St., London, W.C.1

**Prunol**  
PASTILLES  
THE IDEAL FRUIT LAXATIVE

## ARTHUR BERTON LTD.

BRITANNIA HOUSE

256/260 OLD STREET, LONDON, E.C.1

**SURGICAL  
DRESSINGS  
SANITARY  
TOWELS**

**SPONGE BAGS  
POWDER PUFFS  
ETC.**

ESTABLISHED 1850



# Circumstances over which...

Public demand for BETALAX, the even-dose Chocolate Drop Laxative, has increased beyond even our estimates, optimistic though they were. Shortage of raw material and labour combine to render deliveries somewhat slow.

Steps have already been taken to bring our deliveries up to date, orders are being dealt with in strict rotation, and we can only apologise to those who wait, because of "Circumstances over which we have no control."

# Betalax

## THE NEW-PROCESS CHOCOLATE LAXATIVE

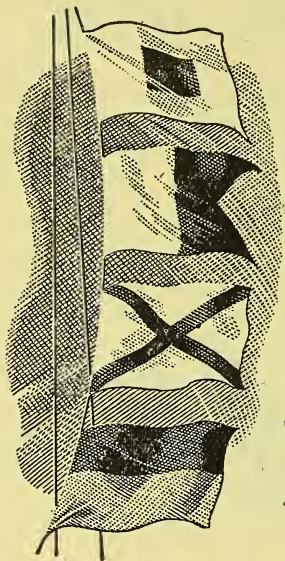


EVEN-DOSE CHOCOLATE DROP

### PRICE LIST

Betalax 6's (on card)	Trade 18/- per gross (Sub. Tax at 16 $\frac{2}{3}$ %) Public 2 $\frac{1}{2}$ d. per carton of 6 drops (Inc. Tax).
Betalax 15's (In display outer)	Trade 45/- per gross (Sub. Tax at 16 $\frac{2}{3}$ %) Public 6d. per carton of 15 drops (Inc. Tax).

THE BETALAX CO., JOHN ST., BLACKPOOL



# N. C. R. Ticket Issuing Machines MUST Do Their Duty

Operated efficiently, National Cash Register ticket issuing machines materially assist the war effort. Vast saving of paper, protection against shop-lifting, and a speeding up of depleted service result from the *full use* of a National ticket issuing machine.

Of the many thousands of these machines in operation not all are being fully operated. Some lack ticket refills, others are out of order.



Whatever the cause for inefficient use of a National ticket issuing machine, there is no reason for it to continue.

Machines on essential work have priority claim on National servicing staff arrangements, but no user of a National ticket issuing machine need wait long for help and advice. If *your* machine is not in condition to perform its full purpose, get in touch with our Servicing Department.

## The National Cash Register Company Ltd.



# The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

SEPT. 26  
1942

28, ESSEX STREET, LONDON, W.C.2

Advertisements in this supplement must be prepaid and should reach us not later than WEDNESDAY of week of issue. Box Office numbers cost 1/- . Late advertisements will be held over to following week.

## MARLENE PRODUCTS

are pleased to advise all old customers and new that they can now supply the following well-known and popular face powders:—

### JANE GARDEN

16/6 per doz. + 66 $\frac{2}{3}$ % tax.  
Retail 2/11 per 1 oz. box.

### JEANNE ET CIE

30/- per doz. + 66 $\frac{2}{3}$ % tax.  
Retail 5/2 per 2 oz. box.

These powders are available in seven shades:

Natural, Peach, Rachel, Rose Rachel, Deep Peach, Ochre and Sun Tan, and are packed in neat and attractive boxes.

Also Available.— $\frac{1}{2}$ -lb. Containers for Talcum Powder. Smart design. 50/- per gross. Minimum order, 6 doz. Slumber Helmets, 72/- per gross + 33 $\frac{1}{3}$ % tax. All shades.

Cash with orders. Carriage paid  
Delivery approximately 7-10 days

### MARLENE PRODUCTS

18 WALTHAM AVENUE, KINGSBURY, LONDON, N.W.9

**CRESTOLAN EMULSIFYING BASE** for preparing white brilliantine cream, to cost not more than 1/- lb. Price, 7/6 per lb., postage paid, including formula and instructions for manufacture. Cash with order. CREST LABORATORIES, LTD., 443 Bury New Road, Salford, 7.

## BORYS BEAUTY PRODUCTS, LTD

—now have available—as under—quantities of raw material essential in the manufacture of high-class quality cosmetics:—

- Perfume Compounds
- Stearic Acid
- Lanolin
- Sulphonated Fatty Alcohols
- Beeswax
- Paraffin Wax
- Glycerine Substitute
- Talcum Powder, etc.

Best quality products only supplied in large or small quantities from 1 lb. up. Our salesmen will be pleased to call with samples.

Trenmar Gardens, Willesden, London  
N.W.10

## LIVERPOOL SCHOOL OF PHARMACY

### NINE MONTHS' COURSES

for the  
INTERMEDIATE and QUALIFYING EXAMINATIONS of  
the PHARMACEUTICAL SOCIETY  
will commence on SEPTEMBER 28

Also a SPECIAL SEPARATE THREE MONTHS' C. and D.  
REVISION COURSE for the CHRISTMAS EXAMINATION

Full particulars from

H. HUMPHREYS JONES, F.I.C., Ph.C.  
2 BLACKBURN PLACE, LIVERPOOL, 8

## THE NATIONAL ASSOCIATION OF OPTICIANS

The next Examination will be held at St. George's Hall, Liverpool, on the 8th and 9th of December, the last date of entry being 9th November, 1942.  
REVISED SYLLABUS, ETC.

SECRETARY N.A.O., 130 Princes Road, Liverpool, 8

## OPTICAL TUITION

FOR THE

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